

Access DB# 88926

**SEARCH REQUEST FORM**

Scientific and Technical Information Center

60

Requester's Full Name: LUKE S. WASSUM Examiner #: 77895 Date: 12 Mar 03  
Art Unit: 2177 Phone Number 305-5706 Serial Number: 09/587587  
Mail Box and Bldg/Room Location: PK2-4041 Results Format Preferred (circle): PAPER DISK E-MAIL

**If more than one search is submitted, please prioritize searches in order of need.**  
\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Job Analysis System  
Inventors (please provide full names): Charles R. Cloninger, Jr ; Rajiv D. Pandya, M.D.

Earliest Priority Filing Date: 2 June 2000

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

A computer that would take as inputs  
job requirements for a specific job, including the physical requirements  
for the specific job, such as strength, ~~and~~ and the  
frequencies of certain motions & movements necessary to  
perform the specific job,  
and assembling a job analysis database to include the  
job and physical requirements for a plurality of discrete jobs.

03-13-03 A09:11 IN

STAFF USE ONLY		Type of Search	Vendors and cost where applicable
Searcher: <u>David Holloway</u>	NA Sequence (#) _____	STN _____	
Searcher Phone #: <u>308-7784</u>	AA Sequence (#) _____	Dialog <u>\$1107 12/00</u>	
Searcher Location: <u>CPK2-4B30</u>	Structure (#) _____	Questel/Orbit _____	
Date Searcher Picked Up: <u>3-19-03</u>	Bibliographic <input checked="" type="checkbox"/>	Dr. Link _____	
Date Completed: <u>3-19-03</u>	Litigation <input checked="" type="checkbox"/>	Lexis/Nexis _____	
Searcher Prep & Review Time: <u>65</u>	Fulltext <input checked="" type="checkbox"/>	Sequence Systems _____	
Clerical Prep Time: _____	Patent Family _____	WWW/Internet <input checked="" type="checkbox"/>	
Online Time: <u>200</u>	Other _____	Other (specify) _____	

Set	Items	Description
S1	2514148	WORK? ? OR TASK? OR JOB OR JOBS OR PHYSICAL() (ACTION? OR LABOR? OR ACTIVIT?) OR CHORE?
S2	3909728	ACT? ? OR ACTION OR MOVEMENT? OR CHOREOGRAPH? OR BENDING? - OR MOTION? OR LIFTING? OR MOVING?
S3	6303719	STRENGTH? OR MUSCLE? OR MANPOWER? OR EFFORT? OR FREQUENC? - OR WEIGHT? OR SPEED?
S4	15238	TALENT? OR PHYSICAL() (ABILIT? OR DEMAND? OR REQUIREMENT?)
S5	702660	DATABASE? OR DATABANK? OR DATA() (BASE? OR BANK? OR FILE? OR MINE?) OR DATAMINE? OR DATAFILE? OR DB OR RDB OR OODB OR DBMS
S6	1188587	EMPLOYEE? OR WORKER? OR STAFF? OR HR OR HUMAN() RESOURCES OR PERSONNEL?
S7	0	S1(S)S2(S)S3(S)S4(S)S5
S8	379	S1(5N) (S2 OR S3 OR S4) (5N)S5
S9	33	S8(S)S6
S10	33	S7 OR S9
S11	48337	S1(5N) (S3 OR S4)
S12	1194	S5 AND S11
S13	98	S6 AND S12
S14	8	S13 AND S2
S15	1292	S5(3N)S6
S16	13	S15 AND S13
S17	48	S9 OR S14 OR S16
S18	38	RD (unique items)
S19	34	S18 NOT PY>2000
S20	34	S19 NOT PD>20000602
File	8: Ei Compendex(R) 1970-2003/Mar W2	(c) 2003 Elsevier Eng. Info. Inc.
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20/5/1 (Item 1 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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04638379 E.I. No: EIP97033545169

**Title: PC-based worker -scheduling system for underground mines**

Author: Grayson, R.L.; Yuan, S.Q.

Corporate Source: Univ of Missouri, Rolla, MO, USA

Source: Mining Engineering (Littleton, Colorado) v 49 n 2 Feb 1997. p 83-87

Publication Year: 1997

CODEN: MIENAB ISSN: 0026-5187

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 9704W4

**Abstract:** This paper uses the knowledge-base structure and system concepts from a Sun Sparcstation-based **worker** -scheduling system of the mine-management support system to develop a PC-based application. The new software adopts the nested-window concept to facilitate data collection and modification on **personnel**, including their availability and work priorities during a shift. The system can optimally allocate **manpower** on a **work** shift and can delineate supervisory training responsibilities. The various components of the software, including enhancements made to the original system, are described in detail. 4 Refs.

**Descriptors:** Knowledge based systems; Coal mines; Scheduling; Data acquisition; **Personnel**; Industrial management; **Personnel** training; Computer workstations; **Database** systems; Personal computers

**Identifiers:** **Worker** scheduling system; Mine management support system; **Worker** shift; Job qualifications; Sun sparcstations; Underground mines; Software Package Windows 95

**Classification Codes:**

723.4.1 (Expert Systems)

723.4 (Artificial Intelligence); 502.1 (Mine & Quarry Operations); 912.2 (Management); 723.2 (Data Processing); 912.4 (Personnel); 722.2 (Computer Peripheral Equipment)

723 (Computer Software); 502 (Mine & Quarry Equipment & Operations); 912 (Industrial Engineering & Management); 722 (Computer Hardware)

72 (COMPUTERS & DATA PROCESSING); 50 (MINING ENGINEERING); 91 (ENGINEERING MANAGEMENT)

20/5/2 (Item 2 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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04514577 E.I. No: EIP96093347767

**Title: Data base of physically demanding tasks performed by U.S. army soldiers**

Author: Sharp, Marilyn A.; Patton, John F.; Vogel, James A.

Corporate Source: U.S. Army Research Inst of Environmental Medicine, Natick, MA, USA

Conference Title: Proceedings of the 1996 40th Annual Meeting of the Human Factors and Ergonomics Society. Part 1 (of 2)

Conference Location: Philadelphia, PA, USA Conference Date: 19960902-19960906

E.I. Conference No.: 45349

Source: Proceedings of the Human Factors and Ergonomics Society v 1 1996. Human Factors and Ergonomics Society, Inc., Santa Monica, CA, USA. p 673-677

Publication Year: 1996

CODEN: PHFSDQ ISSN: 0163-5182

Language: English

Document Type: CA; (Conference Article) Treatment: A; (Applications); G; (General Review)

Journal Announcement: 9611W4

**Abstract:** The Department of Defense spends approximately one million dollars annually on research to enhance soldier physical performance (LTC

K.E. Friedl, personal communication, Jan 1996). To most effectively direct this research effort, an accurate understanding of the **physical demands** of Army jobs is needed. The **physical demands** are available in printed form, however, there is no computerized means to quickly access and compile this information. The purpose of this paper is to describe the creation of a series of **data bases** containing the physically demanding tasks of Army occupations and to provide a preliminary summary of a selected **data base**. (Author abstract) 4 Refs.

Descriptors: Job analysis; **Database** systems; Military operations; **Personnel** training; Standards; Laws and legislation

Identifiers: US Army; Soldiers; Physical tasks; Military occupational specialties; Career management

Classification Codes:

912.4 (Personnel); 912.2 (Management); 723.3 (Database Systems); 404.1 (Military Engineering); 902.2 (Codes & Standards); 902.3 (Legal Aspects) 912 (Industrial Engineering & Management); 723 (Computer Software); 404 (Military Engineering); 902 (Engineering Graphics & Standards) 91 (ENGINEERING MANAGEMENT); 72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING)

20/5/3 (Item 3 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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03975341 E.I. No: EIP94112403260

**Title: Large database study of the factors associated with work-induced fatigue**

Author: Finkelman, Jay M.

Corporate Source: Kelly Temporary Services, Los Angeles, CA, USA

Source: Human Factors v 36 n 2 June 1994. p 232-243

Publication Year: 1994

CODEN: HUF A6 ISSN: 0018-7208

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 9412W4

Abstract: A computer survey was conducted using the records of 3705 temporary **employees** who reported job fatigue during their assignments; 10 000 additional **employees**, who did not report fatigue, were also surveyed in order to establish base rates. Low job challenge, poor-quality supervision, low job control, poor job performance, and low pay rates were associated with **employees** ' experiencing job fatigue. Low **physical demand** and low information-processing demand positions were also associated with the experience of fatigue, possibly because these variables fell below minimal thresholds necessary to maintain arousal and avoid boredom. The upper portion of the arousal-performance curve was not properly evaluated in this survey. Fatigue may result from processing too much or too little information. Motivational factors probably serve to moderate this relationship. (Author abstract) Refs.

Descriptors: Human engineering; Occupational diseases; **Database** systems ; **Personnel** ; Job analysis; Surveys; Quality control; Performance; Motivation; Stresses

Identifiers: Work induced fatigue; Pay rates; Job control; Sleep deprivation; Job challenge; Quality of supervision

Classification Codes:

914.3.1 (Occupational Diseases) 461.4 (Human Engineering); 914.3 (Industrial Hygiene); 723.3 (Database Systems); 912.4 (Personnel); 723.2 (Data Processing) 461 (Biotechnology); 914 (Safety Engineering); 723 (Computer Software) ; 912 (Industrial Engineering & Management) 46 (BIOENGINEERING); 91 (ENGINEERING MANAGEMENT); 72 (COMPUTERS & DATA PROCESSING)

20/5/4 (Item 4 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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03782787 E.I. No: EIP94011185486

**Title: Status in human strength research and application**

Author: Mital, Anil; Garg, Arun; Karwowski, Waldemar; Kumar, Shrawan; Smith, James L.; Ayoub, M.M.

Corporate Source: Univ of Cincinnati, Cincinnati, OH, USA

Source: IIE Transactions (Institute of Industrial Engineers) v 25 n 6 Nov 1993. p 57-69

Publication Year: 1993

CODEN: IIETDM ISSN: 0740-817X

Language: English

Document Type: JA; (Journal Article) Treatment: A; (Applications); M; (Management Aspects)

Journal Announcement: 9403W1

Abstract: Measurement of human **strengths** provides a **database** to aid in the design of **jobs**, **work** places, equipment, tools, and controls. Occasionally, strength measurements are also used in **worker** screening procedures. In the last few years, many new developments, particularly in the area of human dynamic strengths, have taken place. This position paper discusses these recent developments in human strengths and their applications. Unresolved research and application issues are also discussed. (Author abstract) 68 Refs.

Descriptors: \*Ergonomics; Behavioral research; Personnel rating; Job analysis; Database systems; Industrial applications; Human engineering; Systems engineering; Physical therapy

Identifiers: Human strength; Strength measurement; Worker screening procedure

Classification Codes:

461.4 (Human Engineering); 912.4 (Personnel); 912.2 (Management);

723.3 (Database Systems); 461.5 (Human Rehabilitation Engineering)

461 (Biotechnology); 912 (Industrial Engineering & Management); 723 (Computer Software)

46 (BIOENGINEERING); 91 (ENGINEERING MANAGEMENT); 72 (COMPUTERS & DATA PROCESSING)

20/5/5 (Item 5 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

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03764425 E.I. No: EIP93121150351

**Title: COSMARD: The code system for management of JPDR decommissioning**

Author: Yanagihara, Satoshi

Corporate Source: Japan Atomic Energy Research Inst, Ibaraki-ken, Jpn

Source: Journal of Nuclear Science and Technology v 30 n 9 Sep 1993. p 890-899

Publication Year: 1993

CODEN: JNSTAX ISSN: 0022-3131

Language: English

Document Type: JA; (Journal Article) Treatment: M; (Management Aspects); T; (Theoretical)

Journal Announcement: 9402W1

Abstract: The Code System for Management of JPDR Decommissioning (COSMARD) was developed for use for effective planning and management of reactor decommissioning. Efforts were made to develop; (1) data-processing algorithm using a tree structure which reflects decommissioning Work Breakdown Structure (WBS), (2) a set of commands to describe WBS and specific working conditions as input data, and (3) models to evaluate various project management data using simple mathematical formulas and unit factors. In preparing these models, dismantling work activities related to the Japan Power Demonstration Reactor (JPDR) were analyzed to find out fundamental work items and make suitable formulations for evaluating the manpower needs in both manual and remote dismantling **work**. **Manpower** needs for dismantling the JPDR components were then estimated as a sample calculation. An outline of COSMARD, its methodology and calculation models are discussed. (Author abstract) 7 Refs.

Descriptors: Decommissioning (nuclear reactors); Project management; Management information systems; **Personnel**; Codes (symbols); Algorithms; **Database** systems; Data structures; Mathematical models; Job analysis

Identifiers: Work breakdown structure (WBS); Japan power demonstration reactor (JPDR); Code system for management of JPDR decommissioning (COSMARD)

Classification Codes:

621.1 (Fission Reactors); 912.2 (Management); 723.2 (Data Processing); 912.4 (Personnel); 723.1 (Computer Programming); 723.3 (Database Systems)

621 (Nuclear Reactors); 912 (Industrial Engineering & Management); 723 (Computer Software)

62 (NUCLEAR TECHNOLOGY); 91 (ENGINEERING MANAGEMENT); 72 (COMPUTERS & DATA PROCESSING)

20/5/6 (Item 6 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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03512518 E.I. Monthly No: EIM9211-056396

**Title: Integrated databases for the utility engineering environment.**

Author: Armstrong, J. Keith

Corporate Source: Laurens Electric Cooperative, SC, USA

Conference Title: 36th Annual Conference on Rural Electric Power

Conference Location: New Orleans, LA, USA Conference Date: 19920503

Sponsor: IEEE Industry Applications Soc

E.I. Conference No.: 16928

Source: Papers - Rural Electric Power Conference. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA (IEEE cat n 92CH3160-9). p 5p

Publication Year: 1992

CODEN: PEPCD7 ISSN: 0734-7464 ISBN: 0-7803-0655-4

Language: English

Document Type: PA; (Conference Paper) Treatment: T; (Theoretical)

Journal Announcement: 9211

Abstract: The author proposes a linking of common database information for use by all personal-computer programs, thus requiring the maintenance of only one database. The method requires the utility to study each of its database files and the individual components of these files. Decisions must be made on the necessity of each piece of information. A study of all existing file structures must be made. After completing all of these steps it is necessary to determine the type of database manager, operating system, and network. If multiple software vendors are involved, each vendor must be contacted to determine compatibility with planned systems. If there is no programmer on **staff**, one must be hired or a **database** consultant chosen. After these preliminaries are completed and the software written, the **task** of converting the **database** can be started. This is generally a **manpower**-intensive activity, but as time proceeds, the benefits become readily apparent. 2 Refs.

Descriptors: \*ELECTRIC UTILITIES--\*Computer Applications; DATABASE SYSTEMS--Applications; COMPUTERS, PERSONAL--Applications; COMPUTER SOFTWARE--Applications

Identifiers: INTEGRATED DATABASES; UTILITY ENGINEERING ENVIRONMENT; DATABASE CONVERSION

Classification Codes:

706 (Electric Transmission & Distribution); 723 (Computer Software);

722 (Computer Hardware)

70 (ELECTRICAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING)

20/5/7 (Item 7 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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03064797 E.I. Monthly No: EIM9105-021117

**Title: Human strengths. New developments and uses.**

Author: Mital, Anil; Garg, Arun; Karwowski, Waldemar; Kumar, Shrawan; Smith, James L.; Ayoub, M. M.

Corporate Source: Univ of Cincinnati, Cincinnati, OH, USA

Conference Title: Proceedings of the 1990 International Industrial Engineering Conference

Conference Location: San Francisco, CA, USA    Conference Date: 19900520  
E.I. Conference No.: 14183  
Source: Proc 1990 Int Ind Eng International Industrial Engineering  
Conference Proceedings. Publ by IIE, Norcross, GA, USA. p 159-164  
Publication Year: 1990  
CODEN: 111128    ISBN: 0-89806-112-1  
Language: English  
Document Type: PA; (Conference Paper)    Treatment: G; (General Review); X  
; (Experimental)

Journal Announcement: 9105

Abstract: Measurement of human **strengths** provide a **database** to aid in the design of **jobs**, **work** places, equipment, tools, and controls. Occasionally, strength measurements are also used in **worker** screening procedures. In the last few years, a number of new developments, particularly in the area of human dynamic strengths, have taken place. These recent developments in human strengths and their applications are discussed. (Author abstract) 34 Refs.

Descriptors: \*BIOMECHANICS; JOB ANALYSIS; PERSONNEL--Health; ERGONOMICS; DATABASE SYSTEMS

Identifiers: HUMAN STRENGTHS; WORKER SCREENING PROCEDURES; STATIC STRENGTHS; DYNAMIC STRENGTH

Classification Codes:

461 (Biotechnology); 931 (Applied Physics); 912 (Industrial Engineering & Management); 913 (Production Planning & Control); 723 (Computer Software)

46 (BIOENGINEERING); 93 (ENGINEERING PHYSICS); 91 (ENGINEERING MANAGEMENT); 72 (COMPUTERS & DATA PROCESSING)

20/5/8    (Item 8 from file: 8)

DIALOG(R)File    8: Ei Compendex(R)

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02840552    E.I. Monthly No: EI9001005100

**Title: Consideration of load asymmetry, placement restrictions, and type of lifting in a design database for industrial workers.**

Author: Mital, Anil

Corporate Source: Univ of Cincinnati, Cincinnati, OH, USA

Source: Journal of Safety Research v 20 n 3 Fall 1989 p 93-101

Publication Year: 1989

CODEN: JSFRAV    ISSN: 0022-4375

Language: English

Document Type: JA; (Journal Article)    Treatment: N;  
(Numeric/Statistical); X; (Experimental)

Journal Announcement: 9001

Abstract: This paper provides a comprehensive psychophysical capacity (also called maximum acceptable **weight** or acceptable capacity) **database** for designing frequently performed industrial manual **lifting tasks**. The design data presented here are for male and female industrial **workers** working regular 8-hour shifts. The existing design databases, which are limited to sagittal lifting of symmetrical loads and were integrated in an earlier work, were expanded to include the effects of asymmetrical loads, asymmetrical lifting, and load placement in restricted spaces. The final design data tables thus are more comprehensive and realistic. Manual lifting jobs designed on the basis of these new tables, therefore, are expected to be safer and more productive. (Author abstract) 19 Refs.

Descriptors: \*HUMAN ENGINEERING--\*Psychophysiology; DATABASE SYSTEMS; MATERIALS HANDLING--Safe Handling

Identifiers: LOAD ASYMMETRY; PLACEMENT RESTRICTIONS; COMPREHENSIVE PSYCHOPHYSICAL CAPACITY; MANUAL LIFTING TASKS; SAGITTAL LIFTING

Classification Codes:

461 (Biotechnology); 723 (Computer Software); 691 (Bulk Materials Handling); 914 (Safety Engineering)

46 (BIOENGINEERING); 72 (COMPUTERS & DATA PROCESSING); 69 (MATERIALS HANDLING); 91 (ENGINEERING MANAGEMENT)

20/5/9    (Item 9 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)  
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02133190 E.I. Monthly No: EIM8611-080268

**Title: JOINT APPLICATIONS SEMINAR: A NEW DIRECTION FOR TRAINING.**

Author: Gordon, Dena W.

Corporate Source: Data Courier Inc, USA

Conference Title: 8th International Online Information Meeting.

Conference Location: London, Engl Conference Date: 19841204

Sponsor: Learned Information (Europe) Ltd, Oxford, Engl

E.I. Conference No.: 07453

Source: International Online Information Meeting 8th. Publ by Learned Information (Europe) Ltd, Oxford, Engl and Medford, NJ, USA p 511-517

Publication Year: 1984

CODEN: IOIMDT ISBN: 0-904933-47-4

Language: English

Document Type: PA; (Conference Paper)

Journal Announcement: 8611

Abstract: In the spring of 1984, Data Courier, Disclosure and Predicasts began to offer a series of free applications-specific seminars. The seminars were held in five major US cities, with each session divided into four main sections: 1. an introduction by each **database** representative, 2. shared presentations by the representatives on each of the files, 3. a featured speaker, and 4. a question-and-answer period. Each participant received a 123-page workbook which included a comprehensive set of reference materials. Online searchers and end users responded enthusiastically to the seminars; for the first session, registration was five times that anticipated. The seminar format since has been refined, and additional seminars have been scheduled in other U. S. cities, plus London and Toronto. Based on evaluation forms filled out by joint seminar attendees, an analysis is provided of 11 different aspects of the seminars, including the participants' **job** titles and search **frequency**. (Author abstract)

Descriptors: INFORMATION RETRIEVAL SYSTEMS--\* **Personnel** Training;

**DATABASE** SYSTEMS-- **Personnel** Training

Identifiers: BUSINESS **DATABASES** ; DATA COURIER; ONLINE INFORMATION INDUSTRY

Classification Codes:

903 (Information Science); 723 (Computer Software); 912 (Industrial Engineering & Management)

90 (GENERAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING); 91 (ENGINEERING MANAGEMENT)

20/5/10 (Item 10 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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02080166 E.I. Monthly No: EIM8603-017615

**Title: PRACTICAL AND EFFECTIVE MINE MANAGEMENT SYSTEM.**

Author: Alport, P. C.

Corporate Source: Iron Ore Co of Canada, Labrador, Newfoundl, Can

Conference Title: Maintenance - The Hub of a Productive Wheel, Fourth CIM Mechanical/Electrical Plant Engineering and Maintenance Conference.

Conference Location: Saskatoon, Sask, Can Conference Date: 19840923

Sponsor: CIM, Saskatoon Section, Saskatoon, Sask, Can

E.I. Conference No.: 07717

Source: Publ by CIM, Montreal, Que, Can p 378-382

Publication Year: 1984

ISBN: 0-919086-08-X

Language: English

Document Type: PA; (Conference Paper)

Journal Announcement: 8603

Abstract: Industrial survival to-day demands improved productivity and strict operational control. The Iron Ore Company of Canada has implemented a Mine Management System aimed at the identification and correction of lost time problems. Individual jobs are planned with specific details and durations for both foreman and **employee**. Structured report formats and



mandatory confrontation assure accountability and awareness at all levels, and provide a **data base** for the determination of **job** estimates, efficiencies, and future **manpower** requirements. The use of a microcomputer provides management with fast and reliable budgetary information. (Author abstract)

Descriptors: \*MINES AND MINING--\*Management; PRODUCTIVITY; SCHEDULING; COMPUTERS, MICROCOMPUTER--Applications

Identifiers: ACCOUNTABILITY; MINE MANAGEMENT SYSTEM; FOLLOW-UP ACTIVITIES ; REPORTING; MANPOWER REQUIREMENTS

Classification Codes:

502 (Mine & Quarry Equipment & Operations); 912 (Industrial Engineering & Management); 723 (Computer Software)

50 (MINING ENGINEERING); 91 (ENGINEERING MANAGEMENT); 72 (COMPUTERS & DATA PROCESSING)

20/5/11 (Item 11 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

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02022145 E.I. Monthly No: EI8609086004 E.I. Yearly No: EI86070290

Title: **COMPREHENSIVE DATA BASE FOR THE DESIGN OF MANUAL MATERIALS HANDLING.**

Author: Bienkowski, T. L.; Asfour, S. S.; Waly, S. M.; Genaidy, A. M.

Corporate Source: Univ of Miami, Coral Gables, FL, USA

Source: Computers & Industrial Engineering v 11 n 1-4 1986, Proc of the 8th Annu Conf on Comput and Ind Eng, Orlando, FL, USA, Mar 19-21 1986 p 351-354

Publication Year: 1986

CODEN: CINDDL ISSN: 0360-8352

Language: ENGLISH

Document Type: JA; (Journal Article) Treatment: A; (Applications); M; (Management Aspects)

Journal Announcement: 8609

Abstract: The present paper provides a comprehensive **data base** of the material handling capabilities of the industrial work force. The **data base** encompasses the following: (1) five different types of manual materials handling activities, namely, **lifting**, lowering, carrying, pushing, and pulling, (2) **worker** variables (e. g. , sex), and (3) **task** variables (e. g. , **frequency**, and container size). The **data base** was developed for the IBM personal computer using the software package DBASE III PLUS. (Edited author abstract) Refs.

Descriptors: MATERIALS HANDLING--\*Computer Aided Design; JOB ANALYSIS; **PERSONNEL** --Rating; **DATABASE** SYSTEMS

Identifiers: INDUSTRIAL WORK FORCE; JOB DESIGN; BACK INJURIES

Classification Codes:

691 (Bulk Materials Handling); 723 (Computer Software); 912 (Industrial Engineering & Management); 913 (Production Planning & Control) 69 (MATERIALS HANDLING); 72 (COMPUTERS & DATA PROCESSING); 91 (ENGINEERING MANAGEMENT)

20/5/12 (Item 12 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

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01725971 E.I. Monthly No: EI8501003896 E.I. Yearly No: EI85055775

Title: **MAXIMUM WEIGHTS OF LIFT ACCEPTABLE TO MALE AND FEMALE INDUSTRIAL WORKERS FOR EXTENDED WORK SHIFTS.**

Author: Mital, Anil

Corporate Source: Univ of Cincinnati, Dep of Mechanical & Industrial Engineering, Cincinnati, OH, USA

Source: Ergonomics v 27 n 11 Nov 1984 p 1115-1126

Publication Year: 1984

CODEN: ERGOAX ISSN: 0014-0139

Language: ENGLISH

Document Type: JA; (Journal Article) Treatment: M; (Management Aspects) ; X; (Experimental)

Journal Announcement: 8501

**Abstract:** This paper reports the development of maximum acceptable **weight** of lift **databases** for male and female industrial **workers** for 12-hour **work** periods. Using a psychophysical methodology, 37 males and 37 females, experienced in manual **lifting**, performed various **lifting tasks** involving four **frequencies**, three box sizes, and three height levels. The maximum acceptable weight of lift was significantly influenced by the frequency of lift, height of lift, and box size. Box size effects were, however, less profound than frequency and height effects. The maximum weight, acceptable for 12 hours of **lifting**, elicited an average heart rate of 90 and 101 beats min\*\* MINUS \*\*1 for males and females, respectively. Males selected weights that, on average, resulted in metabolic energy expenditure rates of 23% of their aerobic capacity for 12 hours of **lifting**. Females required metabolic energy expenditure rates equivalent to 24% of their aerobic capacity for **lifting** acceptable levels of weight for 12 hours. 21 refs.

**Descriptors:** INDUSTRIAL HYGIENE--\*Research; MATERIALS HANDLING--**Personnel**; **PERSONNEL**--Ability Testing; JOB ANALYSIS--Applications; HUMAN ENGINEERING--Behavioral Research

**Identifiers:** FREQUENCY OF LIFT; HEIGHT OF LIFT; BOX SIZE; 12-HOUR SHIFTS; METABOLIC ENERGY EXPENDITURE RATES

**Classification Codes:**

914 (Safety Engineering); 691 (Bulk Materials Handling); 912 (Industrial Engineering & Management); 461 (Biotechnology); 913 (Production Planning & Control)

91 (ENGINEERING MANAGEMENT); 69 (MATERIALS HANDLING); 46 (BIOENGINEERING)

20/5/13 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01743827 ORDER NO: AADAA-I9973072

**The relationship between national culture and foreign service managerial job requirements**

**Author:** Weech, William Allen

**Degree:** Ed.D.

**Year:** 1999

**Corporate Source/Institution:** The George Washington University (0075)

**Adviser:** Michael Marquardt

**Source:** VOLUME 61/05-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1942. 205 PAGES

**Descriptors:** BUSINESS ADMINISTRATION, MANAGEMENT

**Descriptor Codes:** 0454

**ISBN:** 0-599-78382-6

This study examined the relationship between the culture of a country of assignment and expatriate managerial job requirements. Specifically, the study investigated the relationship between host country cultural values and managerial job requirements for skills. The study also investigated the relationship between host country cultural values and managerial **job** requirements for level and **frequency** of **work** activities. A **database** of **jobs** held by **employees** of the U.S. Department of State was used for the research. The database contained position skill and work activity information that had been collected from job incumbents using the O\*NET job analysis framework (Lammlein & Mumford, 1998). Two hundred fifty five overseas managerial jobs were extracted from the database and mean expatriate managerial job requirements for skills and work activities were calculated for 25 countries. These mean job requirements were correlated with Hofstede's (1980) measures of the cultural values of power distance, individualism, cultural masculinity, and uncertainty avoidance. Individualism was found to be positively associated with expatriate job demands for level of organizational skills. This suggests that variations along the cultural dimension of individualism are likely to require the most adaptation by American managers. The results of this study must be interpreted with caution, however. It was concluded that the generic O\*NET skill and work activity descriptors used in the study lacked the precision

needed to capture the relationship between culture and expatriate managerial job requirements. These descriptors are broad in scope and often combine more than one construct (such as judgement and decision making). The most important aspects of the relationship between national cultures and expatriate managerial job requirements may be in the area of behavioral styles, which are not measured by the O\*NET skill and activity items. Recommendations for further research are included. The bibliography contains 202 references.

20/5/14 (Item 2 from file: 35)  
DIALOG(R) File 35:Dissertation Abs Online  
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01453029 ORDER NO: AADAA-I9543658

**AN INVESTIGATION OF CAREER PATTERNS OF TRANSITION-AGE YOUTHS AND OLDER WORKERS**

Author: LUFT, PAMELA JEAN  
Degree: PH.D.  
Year: 1995  
Corporate Source/Institution: UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN (0090)  
Adviser: FRANK R. RUSCH  
Source: VOLUME 56/09-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 3542. 199 PAGES  
Descriptors: EDUCATION, SPECIAL ; EDUCATION, VOCATIONAL ; SOCIOLOGY, INDIVIDUAL AND FAMILY STUDIES  
Descriptor Codes: 0529; 0747; 0628

Persons with disabilities separate from employment positions for a variety of different reasons. The conditions and reasons for these separations have been the subject of a number of investigations in an **effort** to understand and improve **job** tenure. Early studies tended to frame this research in terms of deficits and situations created by the **employee** that led to his or her being terminated. Later studies took a more balanced view of separations by including reasons beyond the **employee**'s control (for example, transportation problems or **moving**) and positive reasons, such as promotions or finding a better job. None of these studies, however, framed their research with regard to theoretical contributions made from work done in career development, occupational choice, or work adjustment.

The purpose of this investigation was to examine the career development of persons with disabilities that are revealed by patterns of job separations. These patterns were compared to what is known about career development for persons without disabilities in terms of Super's life-span, life-space model (Super, 1984, 1990). An earlier investigation indicated that age was a significant predictor of job separation (Luft & Rusch, 1994). Neither individual demographic characteristics (disability, ethnicity, and gender) nor job placement variables (job type, job placement, and previous work or training placement) were significant predictors in this analysis. The present investigation sought to examine this model when calculating age as a continuous variable and by including additional individual, employer, and agency variables. These variables were from an extant **database** of information collected over a five-year period on supported **employees** within a midwestern state.

Results showed that age was a significant predictor of job separations in the last and most parsimonious regression model consisting of eight variables. Other significant predictors included categories of primary disability, year of entry into the supported employment program (1985-1990), number of hours worked per month, vocational aptitude, and the average job separation of supported **employees** within an agency. In general, results were not definitive and did not confirm that individuals with disabilities follow patterns of career development patterns that are similar to individuals without disabilities. However, trends for job separations across age groups, although not statistically significant, continue to suggest that some similarities in career patterns do exist and that separations become increasingly positive (i.e., "promotions") as **workers** get older (cf. Luft & Rusch, 1994).

A number of historical conditions potentially impacted the strength of the results of this investigation: the newness of supported employment programs which resulted in the very recent entry of most of the sample into the community workforce regardless of their age, and the instability of the size of several disability groups which reflected changes in definitions of disabilities as well as changes in subsequent school and adult services. These conditions reemphasized the relative recency of many of the current services for persons with disabilities and consequently, modified this study into an exploratory investigation into career development patterns. A more definitive investigation and description of career development patterns may need to wait until the majority of persons with disabilities are consistent and regular working members of the community.

20/5/15 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

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5697779 INSPEC Abstract Number: C9710-7150-042

**Title:** DEPTH: the development of a maintenance simulation system

Author(s): Ianni, J.D.

Author Affiliation: Air Force Inst. of Technol., Wright-Patterson AFB, OH, USA

Conference Title: Military, Government, and Aerospace Simulation. Proceedings of the 1997 Simulation MultiConference p.238-43

Editor(s): Chinni, M.J.

Publisher: SCS, San Diego, CA, USA

Publication Date: 1997 Country of Publication: USA viii+252 pp.

ISBN: 1 56555 120 6 Material Identity Number: XX97-01993

Conference Title: Military, Government, and Aerospace Simulation. Proceedings of the 1997 Simulation MultiConference

Conference Sponsor: SCS

Conference Date: 6-10 April 1997 Conference Location: Atlanta, GA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); General, Review (G)

Abstract: Maintenance simulation facilitates human factors analysis during the design of complex systems. Without physical mockups, human figure models can help to determine if components can be seen, reached, lifted and removed by most maintainers. The USA Air Force Armstrong Laboratory (AL) is developing DEPTH (Design Evaluation for **Personnel**, Training and Human Factors) to make this technology useful in weapon system design. The idea is to simulate tasks on virtual mockups, originating from computer-aided design (CAD) data, to find an optimal configuration. DEPTH facilitates ergonomics and task (efficiency) analyses, but also provides logistics data and training media. Links to logistics **databases** will be developed allowing **task** times, support equipment, experience levels, **manpower**, and other information to be extracted from the simulation. Animations will be captured for playback on a personal computer for training or electronic technical manuals. Finally, AL is investigating body tracking and head-mounted display equipment allowing users to experience maintenance tasks for more informative analyses. (11 Refs)

Subfile: C

Descriptors: CAD; computer animation; computer based training; digital simulation; ergonomics; human factors; large-scale systems; maintenance engineering; microcomputer applications; military computing; task analysis; virtual reality; weapons

Identifiers: DEPTH; Design Evaluation for Personnel Training and Human Factors; maintenance simulation system; human factors analysis; complex systems; human figure models; USA Air Force Armstrong Laboratory; weapon system design; virtual mockups; computer-aided design; CAD data; ergonomics; task analyses; training media; logistics databases; animations; personal computer; electronic technical manuals; body tracking; head-mounted display equipment

Class Codes: C7150 (Military computing); C7810C (Computer-aided instruction); C6180 (User interfaces); C6130B (Graphics techniques)

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20/5/16 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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4935542 INSPEC Abstract Number: B9506-8120J-007, C9506-7410B-038

**Title: Feeder data base plus work rules aim for zero work-order errors**

Author(s): Reason, J.

Journal: Electrical World vol.209, no.2 p.35, 38-9

Publication Date: Feb. 1995 Country of Publication: USA

CODEN: ELWOA3 ISSN: 0013-4457

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Consolidated Edison has 2200 feeders in its system. These feeders can be taken out of service for eight different reasons ranging from scheduled maintenance to emergency trips. District operators prepare about 500000 work orders a year, detailing in sequence each move that must be taken to remove customers from the feeder and de-energise it, locate, isolate and repair the fault, and then return the feeder safely to service. To eliminate the possibility of error, which may lead to a fatal accident of a field worker, and to speed up the preparation of work orders, the Systems Operation Department has a database of feeders in the system, together with database driven rules and software that alert an operator when a move is ordered that is not of correct sequence. The author describes how the database streamlines the work compared to the previously used manual system, and discusses the main features of the system. (0 Refs)

Subfile: B C

Descriptors: database management systems; distribution networks; maintenance engineering; power engineering computing

Identifiers: feeder data base; work rules; maintenance scheduling; emergency trips; feeder de-energisation; fault location; fault isolation; fault repair; work orders preparation; database driven rules; software

Class Codes: B8120J (Distribution networks); B0160 (Plant engineering, maintenance and safety); C7410B (Power engineering computing); C6160 (Database management systems (DBMS))

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20/5/17 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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03727528 INSPEC Abstract Number: C90065222

**Title: Underwriter insures itself using client-server LANs**

Author(s): Livingston, D.

Journal: Systems Integration vol.23, no.6 p.47-50

Publication Date: June 1990 Country of Publication: USA

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: Modern industrial and commercial insurance underwriting is a complex business. Companies work within a diverse, continuously changing regulatory framework and policies offer customers a wide range of options, each entailing different rate calculations. The competition is strenuous. Underwriters must be able to tap relevant information quickly and apply it effectively to meet the needs of their clients. All this has long required mainframe and minicomputer processing power. Today, personal computer (PC) local area networks (LANs) in a client-server environment increasingly coexist with these traditional systems. One of the first of the major insurers to reach for a PC solution was the Domestic Brokerage Division of American International Group Inc. AIG-DB began to take a critical look in the mid-1980s at the efficiency of its mainframe-based commercial insurance processing system. Domestic Brokerage eventually enlisted systems integrator Valinor Inc. in a three-year effort to augment the work of AIG-DB's internal systems integration team in revamping this architecture at the local level. Result: a client-server, distributed-processing system built around 55 LANs used by 4000 AIG-DB employees around the country. The initial \$2 million contract was completed in May 1988. Valinor continues to work with Domestic Brokerage on upgrading and extending the

system's capabilities. (0 Refs)

Subfile: C

Descriptors: insurance data processing; local area networks

Identifiers: insurance underwriting; local area networks; client-server environment; PC solution; Domestic Brokerage Division; American International Group; distributed-processing system; Valinor

Class Codes: C7120 (Finance); C5620L (Local area networks)

20/5/18 (Item 4 from file: 2)

DIALOG(R) File 2:INSPEC

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02645235 INSPEC Abstract Number: B86019805, C86023051

**Title: Robotics in maintenance: two current research areas**

Author(s): Nanson, B.N.; Rehak, D.R.; Oppenheim, I.J.; Rosick, M.; Keirouz, W.T.

Author Affiliation: Dept. of Civil Eng. & Robotics Inst., Carnegie-Mellon Univ., Pittsburgh, PA, USA

Conference Title: Remote Operations and Robotics in the Nuclear Industry. Proceedings of the Executive Conference of the American Nuclear Society p.19 pp.

Publisher: ANS, La Grange Park, IL, USA

Publication Date: April 1985 Country of Publication: USA 506 pp.

Conference Sponsor: ANS

Conference Date: 21-24 April 1985 Conference Location: Pine Mountain, GA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A)

Abstract: The short term advantages of remote or robotic operation are largely self-evident. They include the replacement of **workers** in restricted environments and better quality in the work being performed. The authors address the long term prospects of robotics which are of even greater importance. The fundamental advantages in the long term include: an integrated database which rules the project throughout its life-cycle; and central process control for complex tasks. In this long term view, the robot is the extension of the computer, whereby the full power of the computer is finally committed to physical action. In that manner, a plant of the future may be planned (designed, fabricated, constructed, inspected, operated, maintained, . . .) from a single consistent **database**. If the computer/robot system performed a certain inspection or maintenance **task**, then the **database** has an absolute record of that **action**. This paper discusses two research areas which are fundamental to long term autonomous robotic development. The first area is domain modeling and the second area is obstacle avoidance. In each case, a background and critical summary is given, followed by a description of the present work being undertaken by the authors. (48 Refs)

Subfile: B C

Descriptors: maintenance engineering; robots

Identifiers: robotic operation; restricted environments; integrated database; life-cycle; central process control; inspection; maintenance; long term autonomous robotic development; domain modeling; obstacle avoidance

Class Codes: B0160 (Plant engineering, maintenance and safety); C3390 (Robotics)

20/5/19 (Item 5 from file: 2)

DIALOG(R) File 2:INSPEC

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02528606 INSPEC Abstract Number: C85046929, D85002632

**Title: Using the computer for personnel decision making**

Author(s): Payne, D.

Conference Title: Computers in Personnel. Today's Decisions - Tomorrow's Opportunities p.45-51

Editor(s): Page, T.

Publisher: Inst. Manpower Studies, Brighton, UK

Publication Date: 1985 Country of Publication: UK 200 pp.

ISBN: 0 904744 93 0

Conference Sponsor: Inst. Manpower Studies; Inst. Personnel Manage

Conference Date: 9-11 July 1985 Conference Location: London, UK

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G); Practical (P)

Abstract: Improving the quality of decision making in all aspects of the **personnel** management task is a vital ingredient in improving business performance. The computer is increasingly becoming an essential aid in this process and a professional **personnel** management will only do its task effectively if it continues to ensure adequate investment in the development of computer-based systems in its area of responsibility. The aspects of **Personnel** work where Rolls-Royce has made significant use of the computer to aid the decision making process are in the areas of: resourcing; pay negotiations; control of absenteeism; **job** evaluation validation; **manpower** reduction programmes; organisation development; career planning; succession planning; remuneration policy; and training. It goes without saying that in all these applications, the construction and format of the computerised **personnel data base** is critical to the design and development of **personnel** systems themselves. (0 Refs)

Subfile: C D

Descriptors: management information systems; **personnel**

Identifiers: **personnel** decision making; **personnel** management; business performance; computer; computer-based systems; Rolls-Royce; resourcing; pay negotiations; control of absenteeism; job evaluation validation; manpower reduction programmes; organisation development; career planning; succession planning; remuneration policy; training; computerised **personnel data base**

Class Codes: C7190 (Other fields); D2110 (Personnel)

20/5/20 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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01615996 INSPEC Abstract Number: C81003124

Title: The implementation of SPSS on a dedicated small computer. The SSRC-GEC 4070 project

Author(s): Mayes, D.G.

Author Affiliation: Univ. of Exeter, Exeter, UK

Conference Title: COMPSTAT 1980. Proceedings in Computational Statistics p.504-8

Editor(s): Barritt, M.M.; Wishart, D.

Publisher: Physica-Verlag, Wien, Austria

Publication Date: 1980 Country of Publication: Austria 632 pp.

ISBN: 3 7908 0229 8

Conference Date: 1980 Conference Location: Edinburgh, UK

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: This paper outlines the work being undertaken at the University of Exeter under the author's direction to evaluate the use of SPSS on a dedicated small small machine against the normal availability of the package on mainframes. In particular it examines the criteria which need to be borne in mind when designing an implementation for the usual run of users in the social sciences who are not familiar with the use of computers, nor in many cases with statistics. These criteria relate not just to cost, time and the skills of the various **personnel** involved but also to the relation between statistical computing and the problems to which it is addressed in the social sciences. Three working environments are discussed which compare the relative importance of **speed**, simplicity, interactive **work** and connection with other machines and **data bases**. The discussion includes the ability to manipulate large files of input and output, the detection and correction of errors and the explanation of the meaning of results. The aim of this research is narrowing the gap in social science research projects between the analytical problem and the statistical computing used to attempt its solution. The project is financed by the SSRC and the evaluation provided will aid its decision making over the financing of statistical computing in social science projects in the

universities and polytechnics in the UK. (0 Refs)

Subfile: C

Descriptors: social and behavioural sciences computing; statistical analysis

Identifiers: SPSS; dedicated small computer; SSRC; GEC 4070; statistical computing; social science

Class Codes: C7310 (Mathematics); C7810 (Social and behavioural sciences)

**20/5/21 (Item 1 from file: 94)**

DIALOG(R)File 94:JICST-EPlus

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03657973 JICST ACCESSION NUMBER: 98A0773587 FILE SEGMENT: JICST-E

**Motion Analysis for designing Factory Work Database based on Video Data.**

OKUI HIROMASA (1); OKAMOTO YOUSUKE (1); IMAI SAYAKA (1); TOMII TAKASHI (1);

ARISAWA HIROSHI (1)

(1) Yokohama Natl. Univ., Fac. of Eng.

Joho Shori Gakkai Kenkyu Hokoku, 1998, VOL.98,NO.58(DBS-116(2)),

PAGE.241-248, FIG.10, TBL.1, REF.7

JOURNAL NUMBER: Z0031BAO ISSN NO: 0919-6072

UNIVERSAL DECIMAL CLASSIFICATION: 681.3:165 658.513/.514

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

ABSTRACT: In this paper Factory **Work Database** Systems which capture video images of **works** and analyze **motions** of **workers** for the purpose of optimum design of man machine cooperative systems are discussed. The "3D CHASER" program, by which spatial positions and motions of major parts of human bodies, are presented and evaluated. (author abst.)

DESCRIPTORS: pattern recognition; work analysis; database; industrial engineering; production process; stereoscopic image; image analysis; conceptual schema; tracking system

BROADER DESCRIPTORS: recognition; analysis(separation); analysis; engineering; process(production); process; production process(control); image; image processing; information processing; treatment; database schema; equipment

CLASSIFICATION CODE(S): JE07000S; KB03040A

**20/5/22 (Item 2 from file: 94)**

DIALOG(R)File 94:JICST-EPlus

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03233579 JICST ACCESSION NUMBER: 97A0822736 FILE SEGMENT: JICST-E

**Design of Time-Space Virtual Objects for Work Database in Product Engineering.**

IMAI SAYAKA (1); KOBAYASHI MINAKO (1); MASUTANI KAZUYUKI (1); ARISAWA HIROSHI (1)

(1) Yokohama Natl. Univ., Fac. of Eng.

Joho Shori Gakkai Kenkyu Hokoku, 1997, VOL.97,NO.64(DBS-113), PAGE.365-370, FIG.7, REF.11

JOURNAL NUMBER: Z0031BAO ISSN NO: 0919-6072

UNIVERSAL DECIMAL CLASSIFICATION: 681.3:061.68 658.513/.514

681.51:007.51

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

ABSTRACT: The paper presents modelling of **movements** of factory **workers** for **Work Database**, and method of representing the query result through CG. Query result comes in the form of a hierarchical structure, called OE(Object Expression). On the other hand, human model can be described as a tree structure. Since OE cannot represent such tree structure, we offer a method for handling tree structures in OE as



sequence of node identification numbers. (author abst.)  
DESCRIPTORS: database; human engineering; work analysis; space-time;  
computer graphics; worker(manual); modeling; hierarchical structure;  
tree structure; computer simulation; visualization; factory; space;  
virtual space  
BROADER DESCRIPTORS: engineering; analysis(separation); analysis; image  
technology; technology; computer application; utilization; job  
classified employee; worker; operation(processing); structure;  
simulation; modification  
CLASSIFICATION CODE(S): JD03030U; KB03040A; IB03000G

20/5/23 (Item 3 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
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02700179 JICST ACCESSION NUMBER: 96A0019039 FILE SEGMENT: JICST-E

**Piping engineering note.**

OKAMURA TATSUO (1)

(1) Okamuragijutsushijimusho

Kagaku Sochi(Plant and Process), 1995, VOL.37,NO.12, PAGE.110-112, FIG.2,  
TBL.5

JOURNAL NUMBER: G0109AAO ISSN NO: 0368-4849 CODEN: KASOB

UNIVERSAL DECIMAL CLASSIFICATION: 66.01/.05

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

ABSTRACT: Dia-inch" is a scale representing a welding work quantity and abbreviated as **DB** . It is used as a unit which shows the working quantity of piping work. If **DB** per day of a welding **worker** is known, ( **DB** of construction work )/( **DB** of welding **worker** ) indicates the required man-day of welding work. The following are explained : Examples of factors used for **DB** value conversion : Examples of values of standard man-day which show the man-day necessary for the **work** : Mutual relationship among **weight** , length, and **DB** : Distribution of construction **DB** by districts : Man-day ratio between plumbers and welders : Preconditions for setting a standard man-day.

DESCRIPTORS: piping(system); laying(construction); welding; welding procedure; frequency(statistics); man-hour

BROADER DESCRIPTORS: construction(work); bonding and joining; work and operation; degree

CLASSIFICATION CODE(S): XB01010S

20/5/24 (Item 4 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
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02543757 JICST ACCESSION NUMBER: 95A0858019 FILE SEGMENT: JICST-E

**Personal Computer Networking System to Assist Staff Job.**

HARADA KEITA (1); HARIMOTO AKIRA (1); MAKABE KENJI (2)

(1) Kawasaki Steel Corp., Mizushima Work.; (2) Kawatetsujohoshisutemu

Kawasaki Seitetsu Giho(Kawasaki Steel Giho), 1995, VOL.27,NO.2,

PAGE.110-114, FIG.8, TBL.1, REF.9

JOURNAL NUMBER: G0980AAD ISSN NO: 0368-7236 CODEN: KWSGB

UNIVERSAL DECIMAL CLASSIFICATION: 651.01

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

ABSTRACT: Kawasaki Steel has developed the personal computer networking system which realizes the **speedier** job of the **staff** . This system, based on the **data - base** of the main-frame and the recent computer technology, includes personal computers, **work** -stations and networks. The personal computers in Kawasaki Steel have rapidly increased in number, and helped to improve the job efficiency at the office section. Also, much information and knowledge can be used commonly among not

only at each section but also in whole works. (author abst.)  
DESCRIPTORS: staff organization; improvement of efficiency; information system; LAN; productivity; office management  
BROADER DESCRIPTORS: management organization; organization; modification; computer application system; system; computer network; communication network; information network; network; management  
CLASSIFICATION CODE(S): KA07000H

20/5/25 (Item 5 from file: 94)  
DIALOG(R)File 94:JICST-Eplus  
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02475048 JICST ACCESSION NUMBER: 96A0334986 FILE SEGMENT: PreJICST-E  
"Highly Efficient Production and Application of Sheet Products" and  
"Application Development in Open System's Age". Personal Computer  
Networking System to Support Staff Jobs.  
HARADA K (1); HARIMOTO A (2); MAKABE K (2)  
(1) Kawasaki Steel Corp.; (2) Kawasaki Steel Systems R&D Corp.  
Kawasaki Steel Tech Rep, 1996, NO.34, PAGE.71-76  
JOURNAL NUMBER: S0508BAW ISSN NO: 0388-9475 CODEN: KSTRD  
LANGUAGE: English COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
MEDIA TYPE: Printed Publication  
ABSTRACT: Kawasaki Steel has developed the personal computer networking system which realizes the **speedier job** of the **staff**. This system, based on the **data - base** of the mainframe and the recent computer technology, includes personal computers, **work** -stations and networks. The personal computers in Kawasaki Steel have rapidly increased in number, and helped to improve the job efficiency at the office section. Also, much information and knowledge can be used commonly among not only at each section but also in whole works. (author abst.)

20/5/26 (Item 6 from file: 94)  
DIALOG(R)File 94:JICST-Eplus  
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01650264 JICST ACCESSION NUMBER: 92A0694579 FILE SEGMENT: JICST-E  
Influence of Noise on Heart Rate and Quantity of Work in Mental Work.  
UMEMURA M (1); HONDA K (2); KIKUCHI Y (3)  
(1) Science Univ. Tokyo; (2) Musashi Inst. Technology; (3) Chiba Univ.  
Ann Physiol Anthropol, 1992, VOL.11,NO.5, PAGE.523-532, FIG.22, REF.21  
JOURNAL NUMBER: Y0932AAE ISSN NO: 0287-8429  
UNIVERSAL DECIMAL CLASSIFICATION: 613.6+614.8-027 614.872  
LANGUAGE: English COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication  
ABSTRACT: In the present study, we investigated the correlation between the physiological function, heart rate( **HR** ) and the quantity of **work** performed when A- **weighted** sound pressure level of factory noise or construction noise was varied during the mental operations of calculation and erasion. Furthermore, we looked for differences in the effects of sound noise and music on the quantity of **work** performed. The A- **weighted** sound pressure level was set at four levels of background noise, i. e. 60, 70 and 80 **dB** (A). The music sound level was set at 70 **dB** (A). The subjects were exposed to factory noise, construction noise and music during their mental work. A balanced factorial experiment was conducted with a total of 16 combinations of types of mental work (two levels of calculation and erasion), sound noise (two levels of factory and construction sound noise), and A-weighted sound pressure levels (four levels). The order of the experimental procedures was determined at random. The following conclusions were made from the findings of the study. 1) **HR** elevation occurred due to exposure to sound noise, and further increase in **HR** resulted from an increase in the A-weighted sound pressure level. This result can be attributed to the **action** of sound noise as a stressor,

which excites sympathetic nerves, leading to an elevation of HR . 2)  
The quantity of work performed decreased with an increase in the  
A-weighted sound pressure level. 3) When the subjects were exposed to  
music with an A-weighted sound pressure level of 70 dB (A) instead of  
sound noise of the same level, almost no elevation of HR was  
observed. (abridged author abst.)

DESCRIPTORS: occupational health; industrial noise; music; labor physiology  
; heartbeat; task performance; physiological acoustics

BROADER DESCRIPTORS: public health; hygiene; noise(pollution); sound; art;  
hemodynamics

CLASSIFICATION CODE(S): GB05000S; SB04020T

20/5/27 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00397072 95LA09-317

**Tech support gets helping hand -- Opis Support Express for Saber LAN  
Workstation speeds help-desk tasks**

Telfer, Tom

LAN Times , September 25, 1995 , v12.n19 p132, 1 Page(s)

ISSN: 1040-5917

Company Name: Opis

Product Name: Support Express for Saber LAN Workstation

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Saber LAN  
Workstation

Geographic Location: United States

Presents a favorable review of Support Express for Saber LAN Workstation  
(\$2,995, first user; \$1,249, additional users), an intelligent help-desk  
product from Opis Corp. of Des Moines, IA (800, 515). Says Support Express  
provides links to Saber LAN Workstation's inventory, remote-control, and  
messaging services, allowing technical-support **personnel** to manage and  
observe improvements to the system. Contends that the program's intelligent  
**database** is easy to use, offering convenient features to **speed**  
help-desk **tasks** . Concludes that Support Express is an excellent choice  
for Saber LAN Workstation managers. Includes one screen display. (CH)

Descriptors: Help Desk; Customer Support; Inventory; Remote Computing  
; Electronic Mail; Local Area Networks; Software Review

Identifiers: Support Express for Saber LAN Workstation; Opis

20/5/28 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal

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13559655 PASCAL No.: 98-0261564

**The role of complex, simultaneous trunk motions in the risk of  
occupation-related low back disorders**

FATHALLAH F A; MARRAS W S; PARNIANPOUR M

Biodynamics Laboratory, The Ohio State University, Columbus, Ohio, United  
States

Journal: Spine : (Philadelphia, PA. 1976), 1998, 23 (9) 1035-1042

ISSN: 0362-2436 CODEN: SPINDD Availability: INIST-18922;  
354000075832720110

No. of Refs.: 37 ref.

Document Type: P (Serial) ; A (Analytic)

Country of Publication: United States

Language: English

Study Design. Simultaneous trunk kinematic variables of industrial  
**workers** performing jobs with varying degrees of low back disorder risk  
were quantified, by using a three-dimensional electrogoniometer.  
Objectives. To assess the distinguishing patterns of simultaneous  
multidimensional (complex) motion parameters of **workers** performing manual  
material handling jobs with varying degrees of low back disorder risk. of

Background Data. There is significant epidemiologic and biomechanical evidence that implicates simultaneously occurring or combined motions and loading as important risk factors for low back disorder. However, the specific levels or magnitudes and patterns of these complex motions at which risk of low back disorder is increased are still unknown. Methods. An industrial **database** of 126 **workers** and **jobs** was used to quantify the complex trunk **motions** of groups with varying degrees of low back disorder risk. Three groups, low-, medium-, and high-risk, were defined on the basis of retrospective injury records of the corresponding jobs. The jobs were further classified into five cells of weight-lift rate combinations. Within each weight-lift rate cell, the three-dimensional trunk motion patterns of **workers** were analyzed. Bivariate distributions and cumulative distribution functions were used to compare the simultaneous occurrence of complex dynamic motions among risk groups. Results. High- and medium-risk groups exhibited complex trunk motion patterns involving high magnitudes of combined velocities, especially at extreme sagittal flexion; whereas the low-risk group did not. Postural trunk information alone did not provide a consistent pattern for distinguishing among risk groups. Conclusions. Elevated levels of complex simultaneous velocity patterns were unique to groups with increased low back disorder risk. Knowledge of these complex trunk velocity patterns in combination with key workplace factors provides a more sensitive means for identifying low back disorder occupational risk factors than does mere postural information.

English Descriptors: Low back pain; Risk factor; Association; Workplace layout; Motion study; Trunk; Ergonomics; Kinematics; Evaluation; Handling ; Worker; Human; Pain

Broad Descriptors: Diseases of the osteoarticular system; Spine disease; Rachialgia; Systeme osteoarticulaire pathologie; Rachis pathologie; Rachialgie; Sistema osteoarticular patologia; Raquis patologia; Raquialgia

French Descriptors: Lombalgie; Facteur risque; Association; Poste travail; Etude mouvement; Tronc; Ergonomie; Cinematique; Evaluation; Manutention; Travailleur; Homme; Douleur

Classification Codes: 002B29C01

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20/5/29 (Item 2 from file: 144)  
DIALOG(R)File 144:Pascal  
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09963063 PASCAL No.: 92-0176222

**Using a manpower database to model nurse turnaround and return to service**

MCCLEAN S; REID N; DEVINE C; GRIBBIN O; THOMPSON K

Univ. Ulster at Coleraine, dep. mathematics, Coleraine BT52 1SA, USA

Journal: Journal of advanced nursing, 1991, 16 (11) 1382-1386

ISSN: 0309-2402 Availability: INIST-22036; 354000011158570150

No. of Refs.: 9 ref.

Document Type: P (Serial) ; A (Analytic)

Country of Publication: United Kingdom

Language: English

English Descriptors: Public health; **Database** ; **Manpower** ; Nurse; Professional activity; **Staff** management; **Job** engineering

French Descriptors: Sante publique; Base donnee; Main d'oeuvre; Infirmier; Activite professionnelle; Gestion personnel; Organisation travail

Classification Codes: 002B30A05

20/5/30 (Item 1 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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07411206 Genuine Article#: 162HX Number of References: 20

**Title: Analysis of multiple activity manual materials handling tasks using  
A Guide to Manual Materials Handling**

Author(s): Mital A (REPRINT)

Corporate Source: UNIV CINCINNATI, ERGON & ENGN CONTROLS RES  
LAB/CINCINNATI//OH/45221 (REPRINT)

Journal: ERGONOMICS, 1999, V42, N1 (JAN), P246-257

ISSN: 0014-0139 Publication date: 19990100

Publisher: TAYLOR & FRANCIS LTD, ONE GUNPOWDER SQUARE, LONDON EC4A 3DE,  
ENGLAND

Language: English Document Type: ARTICLE

Geographic Location: USA

Subfile: CC ENGI--Current Contents, Engineering, Computing & Technology; CC  
SOCS--Current Contents, Social & Behavioral Sciences;

Journal Subject Category: ENGINEERING, INDUSTRIAL; PSYCHOLOGY

**Abstract:** Manual handling of materials continues to be a hazardous activity, leading to a very significant number of severe overexertion injuries. Designing jobs that are within the physical capabilities of **workers** is one approach ergonomists have adopted to redress this problem. As a result, several job design procedures have been developed over the years. However, these procedures are limited to designing or evaluating only pure **lifting** jobs or only the **lifting** aspect of a materials handling job. This paper describes a general procedure that may be used to design or analyse materials handling jobs that involve several different kinds of activities (e.g. **lifting**, lowering, carrying, pushing, etc). The job design/analysis procedure utilizes an elemental approach (breaking the job into elements) and relies on **databases** provided in A Guide to Manual Materials Handling to compute associated risk factors. The use of the procedure is demonstrated with the help of two case studies.

**Descriptors--Author Keywords:** job design and analysis ; multiple activity tasks ; risk potential ; work rate

**Identifiers--KeyWord Plus(R):** **WORK** SHIFTS; **WEIGHTS**; DESIGN

**Cited References:**

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LEGG SJ, 1985, V28, P337, ERGONOMICS  
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MITAL A, 1985, V14, P59, J HUMAN ERGOLOGY  
MITAL A, 1995, P550, P IEA WORLD C ERG DE  
SNOOK SH, 1991, V34, P1197, ERGONOMICS  
WATERS TR, 1993, V36, P749, ERGONOMICS

20/5/31 (Item 2 from file: 34)

DIALOG(R) File 34:SciSearch(R) Cited Ref Sci

(c) 2003 Inst for Sci Info. All rts. reserv.

07411192 Genuine Article#: 162HX Number of References: 25

**Title: Maximum acceptable forces of dynamic pushing: comparison of two techniques**

Author(s): Ciriello VM (REPRINT) ; McGorry RW; Martin SE; Bezverkhny IB

Corporate Source: LIBERTY MUTUAL RES CTR SAFETY & HLTH, 71 FRANKLAND  
RD/HOPKINTON//MA/01748 (REPRINT)

Journal: ERGONOMICS, 1999, V42, N1 (JAN), P32-39  
ISSN: 0014-0139 Publication date: 19990100  
Publisher: TAYLOR & FRANCIS LTD, ONE GUNPOWDER SQUARE, LONDON EC4A 3DE,  
ENGLAND  
Language: English Document Type: ARTICLE  
Geographic Location: USA  
Subfile: CC ENGI--Current Contents, Engineering, Computing & Technology; CC  
SOCs--Current Contents, Social & Behavioral Sciences;  
Journal Subject Category: ENGINEERING, INDUSTRIAL; PSYCHOLOGY  
Abstract: The purpose of this experiment was to investigate maximum  
acceptable initial and sustained forces while performing a push of 7.6  
m, performed at a frequency of 1 push min<sup>-1</sup> on a magnetic particle  
brake treadmill and a high-inertia push-cart. Eight male industrial  
**workers** performed a 40 min treadmill pushing task in the context of a  
larger experiment and two, 2 h push-cart tasks with a unique water  
loading system. A psychophysical methodology was employed, whereby the  
subjects were asked to select a workload they could sustain for 8 h  
without straining themselves or without becoming unusually tired,  
weakened, overheated or out of breath. The results revealed that  
maximum acceptable initial and sustained forces of pushing on the high  
inertia cart were significantly higher (28 and 23%, respectively) than  
pushing forces on the magnetic particle brake treadmill. It was  
concluded that adjustments to the pushing and pulling **data bank** by  
Snook and Ciriello (1991) may be appropriate if verification of this  
experiment yields similar results.  
Descriptors--Author Keywords: psychophysics ; pushing ; manual materials  
handling ; maximum acceptable forces  
Identifiers--KeyWord Plus(R): MANUAL HANDLING **TASKS ; LIFTING TASKS ;**  
**WORK ; WEIGHTS ; DESIGN ; BACK**

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20/5/32 (Item 3 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2003 Inst for Sci Info. All rts. reserv.

04766943 Genuine Article#: UF992 Number of References: 0

**Title: PHOTOGRAMMETRY - THE IRISH EXPERIENCE**

Author(s): WALSH MC

Corporate Source: ORDNANCE SURVEY, PHOENIX PD/DUBLIN 8//IRELAND/

Journal: PHOTOGRAMMETRIC RECORD, 1996, V15, N87 (APR), P383-387

ISSN: 0031-868X

Language: ENGLISH Document Type: ARTICLE

Geographic Location: IRELAND

Subfile: SciSearch; CC PHYS--Current Contents, Physical, Chemical & Earth Sciences

Journal Subject Category: PHOTOGRAPHIC TECHNOLOGY; REMOTE SENSING

Abstract: The history of survey and map production methods used by the Ordnance Survey of the Republic of Ireland is outlined and the significance of the decision, taken in the 1960s, to maximize the use of computer technology is emphasized. The four objectives of the Ordnance Survey's current programme of **work** (urban mapping, small scale **database**, large scale **database** and private sector support) require **effort** to be concentrated on resurvey procedures and no revision of old mapping is carried out. Details are given of equipment possessed by the Ordnance Survey and of **staff** distribution, followed by descriptions of procedures adopted for achieving both the small scale and large scale databases. Justification is presented for the decision to commit major financial investment to digital photogrammetry.

20/5/33 (Item 4 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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04716800 Genuine Article#: UC924 Number of References: 40

**Title: CARDIOVASCULAR PARAMETERS - SENSITIVITY TO DETECT AUTONOMIC DYSFUNCTION AND INFLUENCE OF AGE AND SEX IN NORMAL SUBJECTS**

Author(s): BRAUNE S; AUER A; SCHULTEMONTING J; SCHWERBROCK S; LUCKING CH

Corporate Source: UNIV FREIBURG, DEPT NEUROL/D-79106 FREIBERG//GERMANY/;

UNIV FREIBURG, DEPT BIOMETR & STAT/D-79106 FREIBERG//GERMANY/

Journal: CLINICAL AUTONOMIC RESEARCH, 1996, V6, N1 (FEB), P3-15

ISSN: 0959-9851

Language: ENGLISH Document Type: ARTICLE

Geographic Location: GERMANY

Subfile: SciSearch

Journal Subject Category: NEUROSCIENCES

Abstract: In 137 healthy volunteers between 18 and 85 years of age, blood pressure (BP) and heart rate (HR) were measured continuously with the Finapres device during active change of posture (ACP), i.e. standing upright, passive tilt (PT, i.e. head-up tilt), Valsalva manoeuvre (VM), deep breathing (DB), isometric **muscle** exercise (IME) and a mental arithmetic **task** (MA). Mean HR activation was attenuated with increasing age in all manoeuvres, but was unrelated to sex. In non-orthostatic challenge procedures like MA and IME mean BP increases were independent of age and sex, despite lower increases in HR in the elderly. This points to a preserved sympathetic efferent activity. Following a forced fall in BP during ACP, PT and VM, the initial responses and maintenance values of BP showed a significant age-related decrease. This finding was strongly related to lower BP values in males compared with females, which became more pronounced with increasing age. Further studies to investigate age-related changes in the activation of the various components of the cardiovascular regulation need to consider the mode of activation of the autonomic nervous system and sex as factors of influence. Normal ranges, and also some new points in time not previously measurable, were calculated for all standard autonomic rests based on the continuous measurement of BP and HR. The minimum length of time necessary to assess the cardiovascular responses during ACP and PT was found to be 60 s. The upper time limits for reaching maximum activation during IME and MA were 3.5 min and 1 min, respectively. Age had a relevant influence on the lower limits of normal of all HR parameters and of some BP measurements during PT, ACP and VM. Sex was found to have no relevant impact on normal ranges. Over 65 years of age the normal values for HR activation during VM and DB hardly exceeded baseline values. The possibility of increasing the sensitivity of detection of autonomic dysfunction by measuring BP continuously must be approached with caution, as sufficient sensitivity was only reached at the lower limits of normal during late phase II of the VM. The initial increase of HR after ACP and the BP values after 60 s standing time proved to be the parameters with the best

sensitivity for detecting an affection of the regulation of HR and BP over the whole range of age.

Descriptors--Author Keywords: AUTONOMIC TESTING ; NORMAL RANGES ; SEX

Identifiers--KeyWords Plus: SYMPATHETIC-NERVE ACTIVITY; BLOOD-PRESSURE; HEART-RATE; ISOMETRIC-EXERCISE; FUNCTION-TESTS; MENTAL STRESS; REFLEX TESTS; RESPONSES; NEUROPATHY; BAROREFLEX

Research Fronts: 94-5115 001 (DIABETIC AUTONOMIC NEUROPATHY;

CARDIOVASCULAR FUNCTION; ACUTE COMPLICATIONS IN IDDM PATIENTS)

94-6766 001 (NONINVASIVE BEAT-TO-BEAT ARTERIAL BLOOD-PRESSURE; HEALTHY HUMANS; SHORT-TERM VARIABILITY; AUTONOMIC RESPONSES; SYMPATHETIC-NERVE ACTIVITY)

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20/5/34 (Item 5 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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04463127 Genuine Article#: TE845 Number of References: 32

Title: SOME ASPECTS OF OCCUPATIONAL-SAFETY AND HEALTH IN GREEN TEA WORKERS

Author(s): MIRBOD SM; FUJITA S; MIYASHITA K; INABA R; IWATA H

Corporate Source: GIFU UNIV,SCH MED,DEPT HYG,40 TSUKASA MACHI/GIFU

500//JAPAN//; WAKAYAMA MED COLL,DEPT HYG/WAKAYAMA 640//JAPAN/

Journal: INDUSTRIAL HEALTH, 1995, V33, N3, P101-117

ISSN: 0019-8366

Language: ENGLISH Document Type: ARTICLE

Geographic Location: JAPAN



Set	Items	Description
S1	11692558	WORK? ? OR TASK? OR JOB OR JOBS OR PHYSICAL() (ACTION? OR LABOR? OR ACTIVIT?) OR CHORE? OR MANUAL() LABOR?
S2	9106772	ACT? ? OR ACTION OR MOVEMENT? OR CHOREOGRAPH? OR BENDING? - OR MOTION? OR LIFTING? OR MOVING?
S3	11218835	STRENGTH? OR MUSCLE? OR MANPOWER? OR EFFORT? OR FREQUENC? - OR WEIGHT? OR SPEED?
S4	833004	TALENT? OR PHYSICAL() (ABILIT? OR DEMAND? OR REQUIREMENT?)
S5	2464709	DATABASE? OR DATABANK? OR DATAFILE? OR DATA() (BASE? OR BANK? OR FILE?) OR DB OR OODB
S6	9893188	EMPLOYEE? OR WORKER? OR STAFF? OR LABORER? OR HR OR HUMAN(-) RESOURCES OR PERSONNEL
S7	52	S1(S) S2(S) S3(S) S4(S) S5(S) S6
S8	339	S5(3N) (S2 OR S3 OR S4) (5N) S6(3N) S1
S9	5137	S5(N) (S2 OR S3 OR S4)
S10	10	S8 AND S9
S11	62	S7 OR S10
S12	46	RD (unique items)
S13	25	S12 NOT PY>2000
S14	18	S13 NOT PD>20000602
File	275:	Gale Group Computer DB(TM) 1983-2003/Mar 18 (c) 2003 The Gale Group
File	47:	Gale Group Magazine DB(TM) 1959-2003/Mar 17 (c) 2003 The Gale group
File	75:	TGG Management Contents(R) 86-2003/Mar W2 (c) 2003 The Gale Group
File	636:	Gale Group Newsletter DB(TM) 1987-2003/Mar 18 (c) 2003 The Gale Group
File	16:	Gale Group PROMT(R) 1990-2003/Mar 18 (c) 2003 The Gale Group
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File	813:	PR Newswire 1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File	141:	Readers Guide 1983-2003/Feb (c) 2003 The HW Wilson Co
File	696:	DIALOG Telecom. Newsletters 1995-2003/Mar 18 (c) 2003 The Dialog Corp.
File	553:	Wilson Bus. Abs. FullText 1982-2003/Feb (c) 2003 The HW Wilson Co
File	621:	Gale Group New Prod. Annou.(R) 1985-2003/Mar 18 (c) 2003 The Gale Group
File	674:	Computer News Fulltext 1989-2003/Mar W2 (c) 2003 IDG Communications
File	88:	Gale Group Business A.R.T.S. 1976-2003/Mar 18 (c) 2003 The Gale Group
File	369:	New Scientist 1994-2003/Mar W1 (c) 2003 Reed Business Information Ltd.
File	160:	Gale Group PROMT(R) 1972-1989 (c) 1999 The Gale Group
File	635:	Business Dateline(R) 1985-2003/Mar 19 (c) 2003 ProQuest Info&Learning
File	15:	ABI/Inform(R) 1971-2003/Mar 18 (c) 2003 ProQuest Info&Learning
File	9:	Business & Industry(R) Jul/1994-2003/Mar 18 (c) 2003 Resp. DB Svcs.
File	13:	BAMP 2003/Feb W1 (c) 2003 Resp. DB Svcs.
File	810:	Business Wire 1986-1999/Feb 28 (c) 1999 Business Wire
File	610:	Business Wire 1999-2003/Mar 19 (c) 2003 Business Wire.
File	647:	CMP Computer Fulltext 1988-2003/Feb W4

(c) 2003 CMP Media, LLC

File 98:General Sci Abs/Full-Text 1984-2003/Feb

(c) 2003 The HW Wilson Co.

File 148:Gale Group Trade & Industry DB 1976-2003/Mar 18

(c)2003 The Gale Group

14/3,K/1 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01317135 SUPPLIER NUMBER: 07749304 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Local government: case study.**  
MacLeod, Marcia  
Which Computer?, p60(2)  
April, 1989  
ISSN: 0140-3435 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1143 LINE COUNT: 00092

... is used by all of the financial packages (creditors, income and expenditure analysis, budgeting).  
A **manpower database** combines payroll with details of each of the 23,000 council **employees** -- name, address, **job** held, salary, etc -- but it is not a full personnel system.  
In addition to these...

14/3,K/2 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

04208132 Supplier Number: 55005937 (USE FORMAT 7 FOR FULLTEXT)  
**RECOVERING LOST PRODUCTIVITY.**  
Computer Aided Design Report, v19, n2, pNA  
Feb, 1999  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 3057

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...only four percent of readers chose operating system failures as the leading cause of lost **work** . What's ironic about these survey results is that few in the CAD software industry...

...Application Bugs All software has programming errors that occasionally cause loss of the operator's **work** . But CAD software is much less reliable than general business software from companies such as...

...a word processor or a program to balance a checkbook. Typing is a well understood **task** . Geometric modeling and logic synthesis are much less so. There are many more logical branches...

...their products. Moreover, engineers working on the most demanding projects are unwilling to risk their **work** (and possibly their **jobs** ) on prerelease code. Most beta testing is confined to loading and manipulating some existing models...

...hazy idea of what designers of machinery or electronic systems do with their products. These **talented** folks generally report to a director of engineering whose performance is measured by the ability to deliver software releases on schedule. This organization imposes a quota system on **workers** . Quality guru Edwards Demming observed that quotas invariably lead to poor--quality manufactured goods. The...

...they are trying to do, CAD software developers invariably write code that fails to automate **tasks** in a way that makes sense to users or omits certain critical functions that have...

...allow CAD development teams the freedom to make changes. It's rare that a product **works** right the first time. That's why real manufacturers - the outfits that buy and use...

...an unsuspecting public. Test cases must be developed from an understanding of how the program **works** internally. These cases must be

supplemented with real data from customers that exercise the code...CAD software. Instead, customers compare features and capabilities. This competition encourages CAD outfits to put **efforts** into developing new bells and whistles instead of assuring that the capabilities they deliver are...

...important that the bug--reporting system be kept simple. Users who have just lost some **work** don't want to spend a lot of time reporting their problems. They prefer to get back to **work** and make up for lost time. Creating a Web site for tracking software bugs will...

...mail to the CAD system administrator who can copy it and paste it to a **database** or spreadsheet program. With a little more **work**, information from the form can automatically be entered into a **database**. Just because your company designs a bug--reporting system doesn't mean that users will ...

...bugs out of their software, they'll have strong financial incentive to clean up their **acts**. If just ten percent of CAD user companies adopt a systematic approach to recording software...

...improve testing procedures. We believe that whenever possible, a two--step approach to reporting errors **works** best. Errors reported through the bug--tracking system should be analyzed by a system administrator...

...the problems to the CAD firm. In many cases, it will be easier to get **action** from the supplier if a repeated pattern of similar defects can be demonstrated. Do not...instruction in how to use CAD software. This is especially important for users who are **moving** from two-- to three--dimensional systems. Training can be purchased from a vendor or (if your company is large enough) conducted by the in--house **staff**. Provide additional training about new software capabilities with each new release. This can be a short session (possibly two to four hours) organized by your support **staff** or an outside consultant. Hold weekly or biweekly productivity meetings to discuss streamlining internal procedures, finding ways to **work** around software defects, and developing CAD techniques specific to your company's product lines. Keep...

...layering, file--naming conventions, and standard part libraries Answers to frequently asked questions Ways to **work** around known software bugs A bug--reporting form Send one or more representatives to the...

...those responding wrote that their CAD software was too complex or contained bugs that destroyed **work**. Twenty--five wrote about errors caused by poor product data management software or difficulties with...

...related to data translation while another 12 experienced difficulties with aging hardware and operating systems. **Personnel** problems were the bane of only five of those responding, but difficulties with higher--level ...

14/3,K/3 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

04199199 Supplier Number: 54910414 (USE FORMAT 7 FOR FULLTEXT)  
**Centura embraces EVA.**  
Retail Banker International, pNA  
June 3, 1999  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 2314

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...only the 55th-largest US bank with \$8.7 billion in assets, Centura's

pioneering **efforts** and rigorous capital management are now capturing the attention of industry peers worldwide. Centura's...

...It's further important to know who the 80 percent are so that we can **work** on improving their profitability through pricing and **moving** them to less costly delivery channels if possible. But at the same time, we are...a bunch of propeller heads, slicing and dicing numbers; it's out there for our **employees**. KL: We also have what we call 'relationship enhancement suggestions' that come up on the...

...as 'next most likely product'. For example, when we're dealing with a customer, our **database** can suggest to our platform people what might be a good next product for this...

...s no rocket science involved; it's just the discipline of how you organise to **act** as a sales company. You start each week with a sales meeting and you end...two-edged sword by the way. There was a time when we never lost any **employees**. Admittedly, unemployment wasn't quite as low as it is today. But we didn't...

...apart from our competitors is a winning strategy, a will to execute it and the **talent** to pull it off. Copyright (c) Lafferty Publications Ltd 1999 All rights reserved The IDA...

14/3,K/4 (Item 3 from file: 636)  
DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
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04160691 Supplier Number: 54520105 (USE FORMAT 7 FOR FULLTEXT)

**Price wars are over; go for higher MCO rates.**

Health Care Strategic Management, v17, n5, pNA

May, 1999

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1223

... look at turning down, or at least threatening to turn down, unprofitable business in an **effort** to force more money out of Congress and private payers. Tactically, providers are hiring stronger...

...that it will be able to pass its higher costs on to employers and their **employees**. Decline risks; change terms In Denver, meanwhile, Columbia/HCA's hospitals and PacifiCare squared off...

...at both not-for-profit and investor-owned systems are heading south. The Balanced Budget **Act** of 1997 will take some \$100 billion out of Medicare and Medicaid payments to hospitals...

...gather and analyze. Most of this data should be in hospitals' and medical group practices' **databases** and familiar to the institutions' executives, negotiators and strategic planners. Providers are expected to have at least basic **databases** and cost accounting systems and the people who know how to use them. The authors do not try to explain how to use the data or suggest the **talents** or skills needed to be good data analysts, policy makers and negotiators. But it is clear that the **talents** needed include the ability to: - Assess your **strengths** and weaknesses. - Get buy-in on those **strengths** and weaknesses from top management, physicians and members of the board. - Analyze the market for...

...other industries may be worth training in health care, if that person has the personality, **work** ethic, communications skills, sales skills and track record that indicate he or she can get the **job** done. ...deals. Negotiators must fit the market situation Most integrated systems and many individual hospitals have **staff** lawyers and accountants on their managed care negotiating teams. But being a lawyer or accountant...

...over the next several years renegotiating contracts. To succeed, they will invest in cost accounting, **databases**, lawyers, negotiating teams and

long strategy sessions. Hospitals will have to give up unprofitable services...

14/3,K/5 (Item 4 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04152756 Supplier Number: 54436310 (USE FORMAT 7 FOR FULLTEXT)

**TELEPHONY. (News Briefs)**

Communications Daily, v19, n76, pNA

April 21, 1999

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1888

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...is eyeing U.S., Mexico and Latin America as among key areas in which to **strengthen** market presence as it aims to become one of top 5 telecom companies worldwide, Chmn...

...Telefonica, which Spain privatized 3 years ago, also expects to continue drawing on U.S. **talent** and to increase its foothold in Miami, he said. Throughout speech, Villalonga touted Telefonica's...

...industry-funded 3rd party administrator (TPA) to handle slamming complaints could conflict with state enforcement **efforts**, NARUC warned FCC in comments filed April 16. TPA plan proposed by long distance industry takes "one-size-fits- all approach" that could hamper state **efforts** to combat slamming, Assn. said. NARUC also questioned "whether consumers will have confidence in a..."

...Vice President Gore praised plan last month, saying number could provide information on weather, road **work** or traffic jams. Comments are due July 20, replies Aug. 20. FCC comment deadlines: (1...as IXC Communications will begin six-month field trial May 17 in Austin of high- **speed** Internet protocol (IP)-over-cable voice and data service for remote office **workers**. IXC is testing virtual private networking technology that integrates its fiber network with cable modems...

...trial will be able to access corporate e-mail, Internet and Intranets, fax, IP telephony, **data** **file** transfers. "IXC's trial deployment will lead to refinements in this technology that will accelerate..."

...Div. that it said provides one-phone, one-number access. System, called Mobile Advantage, allows **employees** who leave **work** premises to transfer files from office system to public switched land mobile network. Equalnet Communications...

...customers. EMAX didn't disclose financial terms of agreement. Company said Pioneer fits into its **effort** to build Fla.-based telecom operation. AT&T said serious operation support system (OSS) deficiencies...

...N.Y.C. market. Consumer/competitor coalition in Mich. released study claiming current Mich. Telecom **Act** (MTA) has harmed public interest by weakening PSC and allowing state's incumbent telcos to...

...dismissed study as false and biased. MTA expires next year and legislature has begun preliminary **work** on successor statute. Mich. Alliance for Competitive Telecommunications, group supported by some Ameritech competitors, said...

14/3,K/6 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06472214 Supplier Number: 55077348 (USE FORMAT 7 FOR FULLTEXT)  
**Java takes control; Flexible, full-featured and scaleable, Java application servers become the safe choice for mission-critical Web applications**By  
Jon Udell.  
Udell, Jon  
Computerworld, p68(1)  
July 5, 1999  
Language: English Record Type: Fulltext Abstract  
Document Type: Magazine/Journal; Tabloid; Trade  
Word Count: 2393

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...is cloudy. But Java the programming language (as opposed to Java the environment) has several **strengths** that make it an ideal choice for delivering those kinds of network services. Java programmers...

...Finally, Java is hot. Developers want to learn it and use it, so plenty of **talent** is becoming available for Java projects. The server environment tends to minimize Java's weaknesses...

...Interactive's Power Steering is a Web-based application that's used to help fast-**moving** organizations set strategic goals, recruit teams, collaborate and measure progress. Early adopters of Power Steering...

...that govern both the construction and use of middleware components. Why WebSphere? For starters, it **works** closely with IBM's VisualAge for Java, which Singleton calls "absolutely the best integrated development..."

...IBM's highly regarded XML parser and comes with a Java-based connector to Notes **databases**. The services that run under WebSphere conform to the standard servlet application programming interface. As...

...Inc.'s NetDynamics, Windows NT clustering, Microsoft Internet Information Server (IIS) and an Oracle 8 **database**Lead : Scott Bennett (scott.bennett@**employee**.com) Workspace builds benefits administration systems for corporate clients, including Cigna Corp., Fidelity Investments and...

...at Workspace's site, these systems combine interactive voice response and Web technologies to enable **employees** at the client companies to enroll in benefits programs, monitor status and change their electives. The systems are also used by **human resources personnel** to administer benefits programs. The Web faces that these systems present to **employees** and administrators are HTML pages dynamically built by Sun's NetDynamics application server. Running on...farm of IIS Web servers that handle incoming connections and a back-end Oracle 8 **database**. It links the systems, building the SQL statements that query the **database** and generating the HTML to display the results. Scott Bennett, manager of software development at Workspace's **Employee** Communications Services subsidiary in Natick, Mass., says NetDynamics' smart, powerful yet extensible data-aware objects...

...gains worth over a million dollars. Among application servers, SilverStream is distinguished by three particular **strengths**, Sonty says. One **strength** is excellent data connectivity, which includes the standard Java **Database** Connectivity (JDBC) support for SQL data as well as more specialized support for Lotus Notes and for data created by SAP AG and PeopleSoft Inc. enterprise resource planning applications. Another **strength** is its support for content management. The server includes tools -- a full text indexer, a...

...not Java skills," project director Tom Gwydir says. But getting all the Microsoft parts to **work** together properly "requires five CDs and 10 reboots," project architect John Peterson says. "We can..."  
...style solution," Peterson says. Global Access does use JDBC to connect to the SQL Server **database** to authenticate and track users of the system. But it doesn't require -- nor does...wanted a thin-client system and flexible middleware to connect the client to an Oracle **database**. The

project, dubbed Talon, was "a great first trial use of this technology," says CIO...

...he evaluated several Java application servers and concluded all meet the basic requirements -- session maintenance, **database** connectivity, fault tolerance and scalability. For the first incarnation of Talon, he settled on Bluestone...

...of design," Rongan says. "Simple, easy-to-use, no-nonsense, not always pretty, but it **works** and it's fast." The biggest surprise was Java's excellent performance. That's because middle-tier applications spend most of their time talking to the **database**, Bly says. "When you monitor the Java logic in the app server, it hardly flickers..."

14/3,K/7 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04108714 Supplier Number: 45992174 (USE FORMAT 7 FOR FULLTEXT)  
**CADENCE SUES AVANT! CORP., FORMERLY KNOWN AS ARCSYS, INC., FOR THEFT OF  
TRADE SECRETS, COPYRIGHT INFRINGEMENT, AND CONSPIRACY**  
News Release, pN/A  
Dec 7, 1995  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1222

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...a supplier of EDA software. The conduct at issue involves only the former ArcSys, its **employees**, and a "consultant" whom Cadence believes has been secretly working for Avant!. "We believe we..."

...to unlawfully gain immediate business advantage rather than compete fairly through legitimate means and hard **work**." The individual defendants named in the complaint include Avant! Chairman and CEO Gerald "Gerry" Hsu ...

...Mitch" Igusa, Chih-Liang "Eric" Cheng, and Opher Segev, all of whom are former Cadence **employees**. Defendant Igusa had previously been charged with six felony counts of misappropriation of Cadence trade...

...code is proprietary computer code that makes software programs ran.) At least two current Avant! **employees** (defendants Cheng and Segev) and a third "consultant (defendant Igusa), all formerly employed by Cadence...

...T. Lin, abruptly resigned. Approximately one week before his departure, Lin ordered one of his **employees** to transfer to Lin's workstation copies of Cadence's **database** generation software -- software so sensitive that it was until then kept only by that **employee** and not copied onto any other Cadence workstation or file server. The **employee** complied with the order. In the eight previous years that Lin had been that **employee**'s immediate supervisor, Lin had never requested a copy of that software. In violation of the Lanham **Act**, Avant! has been waging a public campaign targeting customers, the media, and the financial community...

...has assembled a team of place-and-route engineers, many of whom are former Cadence **employees**, that Avant! calls "the dirty dozen." Cadence believes ...trust which go way beyond any conceivable standard of fair competition. The brazen and illegal **acts** alleged in our complaint leave us with no choice but to seek redress for our company, our **employees**, and our shareholders. "I want to emphasize that this lawsuit has only one purpose: to preserve and protect the intellectual property created through years of **effort** by Cadence's hundreds of **talented**, loyal and dedicated software engineers and other **employees** and, in turn to preserve and protect the investment of Cadence's shareholders in that..."



...as to whether or not any crimes have been committed by Avant!/ArcSys or its **employees** ," Costello said.

14/3,K/8 (Item 1 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2003 ProQuest. All rts. reserv.

02222222 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Too darn tight**

Maglitta, Joseph

Computerworld (COW), v29 n3, p74-76, p.2

Jan 16, 1995

ISSN: 0010-4841 JOURNAL CODE: COW

DOCUMENT TYPE: Feature

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1289 LENGTH: Long (31+ col inches)

TEXT:

... business unit and corporate IS, fine-tuned the system by eliminating data communications bugs and **speeding database** access. The two dozen or so scattered IS **workers** divided the **work** .

Corporate **staffers** in New Jersey helped locate good telecommunications lines to **speed** response time in Canada. In Spartanburg, IS people focused on setting up workstations and connectivity  
...

14/3,K/9 (Item 1 from file: 696)  
DIALOG(R)File 696:DIALOG Telecom. Newsletters  
(c) 2003 The Dialog Corp. All rts. reserv.

00714092

**Michael Jordan, ex-CBS, elected to global advisory board,**

TELEVISION DIGEST

February 28, 2000 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: WARREN PUBLISHING INC.

LANGUAGE: ENGLISH

WORD COUNT: 4802

RECORD TYPE: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

TEXT:

...Wells promoted to vp-information technology, ABC Bcstg. Group...  
Sallie Schoneboom advanced to vp-media & **talent** relations, ABC Daytime... Herman Rush, ex-Columbia Pictures TV Group, joins board, High **Speed** Net Solutions... Carole Feld, PBS senior vp-communications & brand management, leaves to become vp-brand...

...ex-AM/FM Radio Networks, appointed CFO, Hispanic TV Network.

Dan O'Brien, pres., High **Speed** Access, adds CEO & acting COO... Rick DeGrauwe, ex-TCI/AT&T, named vp-finance, and Maurice Ambler, ex-Prosource Distribution Services, vp- **human resources** , Cox Middle America Operations; Tom White promoted to dir.-mktg., Cox residential telephony; Steve Gorman advanced to dir.-mktg., Cox high- **speed** Internet service... Minard Hamilton, ex-ESPN International, appointed gen. mgr.-international business, ESPN Internet Group...

...11). Group said Congress intended FCC to modify only Longley-Rice model for assessing signal **strength** if new system is validated by "actual field test data." Affiliates also said Longley-Rice...FCC proposal to use combination of Longley-Rice and U.S. Geological Survey Land Use **database** "has some merit." It also suggested that Commission use its own TV Allocations Study Organization (TASO) **database** to refine measurements. National Rural Telecom Co-op said in filing that improving signal prediction...mission in

Washington, eBay said, will be to push legislation extending copyright protection to online **databases**. House Commerce Committee Chmn. Bliley (R-Va.) is aggressively backing his own **database** bill, but it isn't considered by online community to be sufficiently supportive of their...official Frank Berry said study "seems to go right to the heart of what our **effort** is all about" (CD Feb 1 p4).

FCC should test impact of LPFM on subcarriers...

...various services such as Radio Talking Book, are located on edge of FM station's **frequency**, and "it seems logical to us that these are the signals which will receive the...

...for the BBC."

Nearly year and half after it was established by Child Online Protection **Act** (COPA) in Oct. 1998, Commission on Child Online Protection is preparing to meet for first...

...by which time panel's one-year charter had expired, so Satellite Home Viewer Improvement **Act** contained rider extending it for another year. Commission is charged with reporting to Congress on...

...S content with latter's infrastructure and portal expertise. Site will use Excite@Home's **Work**.com domain, which currently is subset of Excite.com. Content will include selections from Wall...

...conference call. He said there's no "strong competitor" already in business portal marketplace, so **Work**.com can claim first mover advantage. Despite Excite@Home's considerable cable ISP assets, Bell said "principal opportunity" for **Work**.com is "still narrowband, based on audience size." DJ's Dowjones.com "won't continue...4 million because of acquisitions, and operating profit was up 18% to \$104 million... High **Speed** Access Corp. (HSAC) reported net loss of \$23.3 million on \$1. ...are a lot of hidden gems that we will never discover if we don't **work** to provide them with the tools they need to learn," he said. "Satellite technology is...stage.

With FCC seen leaning toward delaying DTV must-carry rulemaking, public broadcasters are renewing **efforts** to convince Commission of need for PTV-specific rulemaking. Commercial networks may be having success...

...provision of Class A plan is giving qualified LPTV stations primary status. It said Telecom **Act** gives protection only to operating full-power stations, not to applicants, and doesn't mandate...Las Vegas day before formal start of NAB convention. Panel subjects, featuring FCC and Hill **staffers**, include electronic filing, political broadcasting, litigation and Internet issues such as streaming. NTIA Dir. Gregory...

...a Millionaire. Disney said ABC.com now exceeds CBS.com's reach by 73%.

At- **work** Internet users spent double amount of time online as did at-home users in Jan...

...audience of 30.6 million is less than half 77 million at-home users, but **workers** spend 21 hours per week online, compared with less than 10 for others. That's **HR** -3261 and S-376 in letter to Secy. of State Madeline Albright. Bills seek to...

...per share on postsplit  
shares, will be payable to shareholders of record March 28.

Disney **employees** contributed \$56,550 to Hillary Clinton's  
Democratic campaign for Senate in N.Y., more...

...to  
lease 10 Ku-band 36 MHz transponders on Satmex5 through 2005.  
DirecPC is high- **speed** Internet service.

CBS's Nashville Network lost court battle to win Web address  
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...advocates and opponents of filtering. European Commission has voiced opposition to House and Senate bills **HR** -3261 and S-376 in letter to Secy. of State Madeline Albright. Bills seek to...

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...evidence Network Network is seeking to trade on Nashville Network's name. Network Network filed **motion** to have CBS pay its court costs that's scheduled to be heard May 1...

083484

**Winning Customer support**

**Vendors face myriad problems in providing quality customer support, and the solution more often than not is the Web.**

Byline: Paul Desmond

Journal: Network World Page Number: 105

Publication Date: April 24, 2000

Word Count: 1681 Line Count: 153

**Text:**

... its WAN capacity to airports across the country. It hired Qwest Communications to lead the **effort**. Before too long, problems cropped up, says Paul Millard, Delta's vice president of engineering...

...customer care," Millard says. "I think it was a case of Qwest hiring the right **talent** and getting internal processes in place." Good service can - and does - make customers believers in...

... rid of customers." Where's the service? But vendors face plenty of obstacles in their **effort** to provide quality customer service, especially as they grow from start-ups to substantial entities...

... do with people - finding, training and keeping them. For Cisco, the key is to keep **employees** stimulated and engaged. That often comes down to training them continually to do their **jobs** better. "We do quite a bit of e-learning. We've got about 60 modules available to help train **employees** on processes, systems and capabilities in providing excellent customer service," he says. All Web-based, the modules let **employees** train at their own pace, even at home. But the training shouldn't stop with **employees**, says Currid, who advocates for vendors to come up with interesting, blanket multimedia training programs...

... When companies experience rapid growth, it's especially challenging to hire and train customer service **personnel** fast enough and put the proper procedures in place, particularly for dealing with major problems...

...fall to formalize a four-phase product development process with detailed checklists to complete before **moving** from one phase to the next. "A lot of us have experience like the ISDN..."

... team making sure they all mesh. Such processes are no doubt important, but the real **action** in improving customer service is centered squarely on the Web. Forrester Research, another market research...

... say the Web is "critical," "crucial" or at least "very significant" to its customer service **efforts** (see sidebar, this page). "Today, about 86% of our business comes in via the Web...computer maker. To help solve the problems of customers calling in, Dell technicians accessed a **database** of troubleshooting information via the corporate intranet. This knowledge base increased in value as technicians..."

... known problems. In December 1998, the company essentially gave its customers direct access to that **database**, Mehta says. Dell conducted focus groups and surveys and determined that customers were willing to...

... Jeeves Insight, Dell can highlight the top customer questions that contain no content in the **database**. The tech support team then quickly creates that missing content. MCI WorldCom is also interested...

... network quality report on its Web site that details information concerning software upgrades in the **works**, maintenance windows and other issues. That will be rolled out at the beginning of the...

... personalization for its customers, with content specific to the customer's market segment and specific **job**, Schorsch says. "We'll probably see more wireless and multimedia solutions as well." Like many...

... rep will know about the e-mail and all other related history. Qwest has support **staffers** answering customer queries via e-mail during certain

hours, and lets larger customers send trouble...

... is really capitalizing on this huge opportunity," she says. "When someone does, I'll go **work** for them." Desmond is vice president of King Content, a strategic publishing company in Southborough...

14/3,K/11 (Item 2 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
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082991

#### Talent Scouts

**They excel at spotting, luring and keeping key players. Their advice can help you get discovered as a superstar -- or help you sign one up. By Dawne Shand**

Byline: By Dawne Shand  
Journal: Computerworld Page Number: 52  
Publication Date: April 10, 2000  
Word Count: 1487 Line Count: 135

#### Text:

The war for **talent** pervades the role of the CIO, who now owns as much responsibility for his **employees** ' career development as he does for information technology systems. We asked four top IT leaders how they find, develop and retain **talent** . What we learned will help you manage your career. BillGodfrey CHIEF TECHNOLOGY OFFICER, Dow Jones & Co., NEW YORK n How do you spot **talent** ? The competencies that characterize **talent** go beyond skills and technologies; they are personal traits. Like self-confidence -- can you make...

... have a sound understanding of and genuine interest in the business? Are you willing to **act** like an owner? Can you rise above the pressure to conform? Can you advocate a...

... company develop these attributes? Institutionalize the language of core competencies. It's not just [a **human resources** ] tool; It's the basis for hiring, performance management, promotion and leadership development. To execute, there must be organizational commitment toward individual development and the **HR** resources to connect individuals to development plans. You need a leadership team that empowers people...

...you give? Think in terms of two- to three-year building blocks. Be in a **job** where you're acquiring new skills. **Work** for leaders who challenge your intellect and passion. Associate with good projects, volunteer for the ...

... the specialization needed to solve problems. Get really good at the skills required for your **job** or team or industry. Today, you get ahead by acquiring skills that may look like horizontal **movements** . But if you keep adding to your risumi those skills and projects that lead to...

... sought after. ThomasWoteki CIO, American NATIONAL Red Cross, Falls Church, VA. n What attributes signal **talent** for you? We tacitly assume that people have the technical skills they were hired for...

... similarity to other requests and understand its impact on organization. n What career paths develop **talent** ? As managers, we need to develop people as assets. That means managing personal relationships and building trust with our **employees** . We encourage people to come forward and say what it is that they want to do. We encourage people to look for opportunities. But we believe it's the **employee** 's responsibility to manage their career. Management will offer to **talented** individuals opportunities that these people would find exciting and challenging and would stretch their abilities...

... stretch role, we pair them informally with a mentor who can guide them. n Is **talent** demonstrated by a willingness to learn new things? Yes, it's

about working on unfamiliar problems and renewing yourself. People exceed their expectations. Eight months ago, an **HR** associate working with senior **staff** demonstrated that she was a bright, **talented** problem-solver with the potential to be a good manager, but she had no IT background. We brought her into a program-planning role; she is now actively managing engineering **efforts**. It's been a remarkable transformation. n What's more valuable -- technical mastery or knowledge...

... someone else's head. BrianLight CIO, Staples Inc., Framingham, MA. n How does Staples spot **talent**? **Talent** reflects the culture of the organization. Staples is a rapid-growth, fast-paced environment with...

... look for confident and assertive people who can be proactive in identifying opportunities, who can **work** with ambiguity, have a strong desire to achieve and **work** well in teams. The best people, the high performers, aren't necessarily the most technically...familiar with change management as more people use these systems. n How do you develop **talent**? We employ extensive behavioral interviewing. We don't use it to weed out people but to develop them **moving** forward. These written reviews show how they perceive themselves and how others do. Given twice...

... goes toward professional development. There's not a shortage of technical skills, like networking or **database** administration. Our main need is to effectively **work** with the business side. Specifically, we look for 12 behaviors. Senior people must possess certain...

... and be self-starters. RonGriffin CIO, The Home Depot inc., Atlanta n What attributes signal **talent**? We look for fundamental intellectual horsepower. But intelligence without personality won't **work** in this culture. Traits like openness, flexibility and an ability to change are important. We...

... in teams, enjoy making a difference and learning new skills. n How do you retain **talent**? It starts with finding the right people -- those entrepreneurial and team-oriented people. Then we...

... same person might be playing a Java programming trainee role. I don't change their **job** title or their salary level. This de-coupling gives us the flexibility of assigning people...

... learn new capabilities. Row means you now use these new skills to get the boat **moving**. Show means you can teach these skills to someone else. We want people to develop...

14/3,K/12 (Item 3 from file: 674)  
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078009

#### ASP attack

#### IT 'LL TAKE ALL YOUR WITS TO PICK THE RIGHT

Byline: DENISE PAPPALARDO

Journal: Network World Page Number: 70

Publication Date: September 27, 1999

Word Count: 2570 Line Count: 229

#### Text:

... browser, a thin client or an application-specific client. Many ASPs offer managed application and **database** servers, security, system backup, disaster recovery and service-level agreements (SLA). And with more than...

... would outsource an application rather than deploy servers, obtain software licenses and gear up your **staff** to support a new companywide deployment. They are: to improve service; obtain a strategic advantage...

... the six chosen ISPs - AGIS, Cable & Wireless, Digex, GTE Internetworking, Sprint and UUNET - operate at **speeds** ranging from T-3 to OC-3. Most user organizations would simply find the availability...

... quickly and reliably from anywhere. Besides getting more bandwidth, you also want to think about **staffing** requirements when it comes time to evaluate whether taking the ASP route will help improve service to **employees** . That **staffing** aspect factored into Sunburst Hospitality 's decision to outsource its PeopleSoft financial applications to USi...

...we could provide internally, from a 24-7 help desk to redundancy." About 25 Sunburst **employees** , each outfitted with a PeopleSoft client, access financial applications today over a private line in to USi 's Annapolis data center 40 miles away. Most of the **employees** frequently use the general ledger, accounts payable and asset management tools that are part of...

... PeopleSoft financials program. But Elbaum says he plans on providing application access to 4,000 **employees** , at all 87 Sunburst hotels, over the Internet by year-end. These additional **employees** will simply be viewing screens as opposed to running reports and processes, as the two dozen or so heavy users have been doing since January. **Staffing** concern was a big factor in Elbaum 's decision. "It 's very hard to find **talent** . Anyone who knows PeopleSoft demands a high premium - some of the people with a year applications **talent** in-house. Most say that even if they could afford to hire experts in ERM and CRM applications, they don 't feel confident they could retain those **employees** over an extended period of time. Outsourcing also gives small to midsize companies, as well...

...as the big guys," says David Blumhorst, director of IT at Clarent, which has 250 **employees** . And the company certainly needs to be concerned about competitive advantages because it 's up...

...would have outgrown an internal midtier CRM application in three to four years, based on **employee** growth predictions. So not only does application outsourcing put Clarent on a similar playing field...

... example. The ASP charges anywhere from \$20,000 to \$200,000 for PeopleSoft financials and **human resources** , \$25,000 for Siebel ERM, and \$15,000 to \$20,000 for Sagent data warehousing application hosting services. The rates vary based on the number of **employees** accessing the applications and the number of servers hosted and managed by USi. At first ...

... you \$2,495 and \$1,795, respectively, for a dedicated T-1 operating at full **speed** . So using the Internet as your means of accessing your ASP 's data center can...

... security portfolio carefully. USi, for instance, offers real-time intrusion detection and firewall options, and **works** with each customer to determine if additional security technology, such as digital certificates, is needed...

... support up to 128-bit key encryption. Certain sensitive applications, such as company financials or **employee** records, may even warrant the use of digital certificates. Handing over your company 's sensitive financial, sales or **human resources** information to an ASP that will host that information on application and **database** servers hundreds of miles away from your headquarters is a huge responsibility. Ensuring that this... accounting information exposed to such a wide-access arena like the public 'Net. BayValve gives **employees** access to an accounting software package hosted by InSynQ, an ASP in Roseville, Calif. It uses a frame relay connection into a firewall at InSynQ 's site. **Employees** have to clear the firewall before gaining access to the Citrix server running the accounting ...

... The telcos and outsourcing giants like EDS are going to wake up and get their **acts** together," she says. Many of the large telecom carriers, including AT&T and MCI WorldCom...



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03847683 SUPPLIER NUMBER: 17824720

**A political theory of corporate taxation.**

Arlen, Jennifer; Weiss, Deborah M.

Yale Law Journal, 105, n2, 325-391

Nov, 1995

ISSN: 0044-0094 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 27803 LINE COUNT: 02252

... Harv. L. Rev. 717, 721-38 (1981); Eric Zolt, Corporate Taxation After the Tax Reform **Act** of 1986: A State of Disequilibrium, 66 N.C. L. Rev. 839, 841-44, 858...

...62. Indeed, concern about excessive leveraging has been one of the driving forces behind integration **efforts**. See Corporate Taxes: Treasury Official, JCT Head Review Corporate Integration Approaches, Daily Rep. for Executives...

...G-9 (Feb. 6, 1990) [hereinafter Corporate Taxes] (quoting Joint Committee on Taxation Chief of **Staff** Ronald Pearlman as saying that partial integration would resolve problems created by debt-equity distinction...and Shareholder Tax Systems (1993). (18.) See David F. Bradford & U.S. Treasury Tax Policy **Staff**, Blueprints for Basic Tax Reform 4-5, 171 (2d ed. 1984) (slightly revised edition of...

...testimony of William Simon, Secretary of the Treasury). The proposal was reiterated in Tax Reform **Act** of 1975: Hearings Before the Senate Comm. on Finance, 94th Cong., 2d Sess. 70-77...

...Corporate Taxes, supra note 13, at G-9 (reporting Joint Committee on Taxation Chief of **Staff** Ronald Pearlman's suggestion that double taxation is political necessity). (22.) Shaviro, supra note 21...

...the population is covered by a pension, most pensions are defined-benefit plans in which **employees** have no stake in the return. (26.) Cf. Marjorie Kornhauser, The Morality of Money: American...1978, Congress did not adopt Ullman's integration proposal, but passed the 1978 Tax Reform **Act**, which dramatically increased the tax benefits to new capital. Id. at 204-17. (29.) See...

...L. Doernberg & Fred S. McChesney, Doing Good or Doing Well?: Congress and the Tax Reform **Act** of 1986, 62 N.Y.U. L. Rev. 891, 898-99 (1987) (book review) [hereinafter...]

...might stimulate growth, but respondents supported cuts when the question suggested that cuts might create **jobs**. One-third of those who supported raising federal corporate taxes to reduce the deficit said...

...someone else. See Lieberman Research, Americans and Their Money, July 1987, available in DIALOG, Poll **database** (search containing "MONEY" in SOURCE field and "07/00/87" in PD field and "DIVIDEND...306, 308-10 (same). Managers of publicly held firms that become insolvent often lose their **jobs**; those who retain their positions suffer significant reductions in their salary and bonuses. See Stuart...

...Rose-Ackennan, supra note 40, at 279-97 (arguing that managers fear loss of both **job** and prestige if firm encounters financial difficulties). For a discussion of the vulnerability of both...

...incentive to diversify the firm. Evidence suggests that managing a diversified firm requires special managerial **talent**, for which firms will compensate managers handsomely. See Nancy L. Rose & Andrea Shepard, Firm Diversification...

...33 (National Bureau of Economic Research Working Paper No. 4723, 1994). Managers with this particular **talent**, accordingly, may have an incentive to diversify their firms in order to maximize their value...from general revenues. See infra Part IV. (61.) See Mancur Olson, The Logic of

Collective **Action** : Public Goods and the Theory of Groups 147-48 (1965)  
(arguing that business lobbying is...

...Leveraged Takeovers, Forbes, Nov. 28, 1988, at 192, 192 (noting that business community sandbagged integration **efforts** during Carter and Reagan administrations). (66.) Interest in integration was stimulated by the report of...

14/3,K/14 (Item 1 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
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0854371 98-14729

**Brenner molds Kansas court into model for the nation**

Hart, Timothy

Wichita Business Journal (Wichita, KS, US), V12 N42 p20

PUBL DATE: 971003

WORD COUNT: 956

DATELINE: Wichita, KS, US, Midwest

TEXT:

...over as clerk in 1985, the Kansas court was running at full capacity with 34 **employees** managing an annual load of around 4,500 bankruptcy filings. Twelve years later, that caseload has nearly tripled, but through Brenner's **efforts**, the flow of paperwork and information has kept pace, despite a **staff** increase of just 22 **employees** spread over the court's three divisional offices. The key, Brenner said, has been technology...

...made in his 12 years as clerk. The first move he made after taking the **job** was to purchase three PCs, tripling the number in the office. His next move was to flatten the highly-specialized organizational structure of the court, allocating a larger number of **personnel** to case administration. This move later allowed Brenner - admittedly no technological whiz himself - to add...

...with a scanner that allows them to quickly enter images of court documents into a **database**. Once a document is entered, it can be cross-referenced by **motion**, attorney, debtor name, or creditor name. Brenner estimated that the system, the first to marry case management with imaging, saves two to three **personnel** -days per month in each of the district's three divisional offices. But the true...

...Eric Bruce, a partner in the firm of Bruce Bruce & Holt LLC, said Brenner's **work** epitomizes the concept of efficiency in government. "It's pretty amazing," Bruce said. "It floors..."

...while I'm on the phone with them. I have 24-hour access." Brenner's **work** was recently highlighted in a session at the Court Technology Congress, an international convention of...

...generate a docket from information on a scanned document. Currently that function is performed by **staff**, requiring as many as 35,000 manual entries each month. The new system will be...

...credit for the Kansas District's success. Brenner said he was simply blessed with a **talented staff** and supportive court that allowed him to take a few risks. "I could save (money)..."

14/3,K/15 (Item 2 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
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0683020 96-40247

**Data sources disagree on Arizona wage trends**

Rex, Tom R

AZB Arizona Business (Tempe, AZ, US), V43 N2 p5

PUBL DATE: 960200  
WORD COUNT: 2,283  
DATELINE: Tempe, AZ, US, Mountain

TEXT:

...through 1993. Farm workers, self employed, and others not covered by the Federal Insurance Contributions **Act** . are not included in this report. For the public sector, October data are reported in...

...Census Bureau. For most industries, the major difference between the two sources stems from survey **data based** on one date versus the annual average of monthly complete count data. However, it may...of the private sector (due to an occupational mix much more tilted to high-wage **jobs** requiring high educational attainment), but in Arizona, state government workers earned 18 percent less.

The...particular policy concern. It suggests that state government will have difficulty hiring and retaining quality **employees** since those people can take their **talents** to other governments or to the private sector and be better compensated. Such a loss of quality **employees** would be counterproductive to **efforts** to increase the efficiency of the government. Based on the BLS data, salary increases well...

14/3,K/16 (Item 3 from file: 635)  
DIALOG(R) File 635:Business Dateline(R)  
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0681928 96-39144

**Ambitious Memphis 2005 plan to be unveiled on Thursday**

Scott, Jonathan

Memphis Business Journal (Memphis, TN, US), V17 N45 p1

PUBL DATE: 960311

WORD COUNT: 1,625

DATELINE: Memphis, TN, US, South Central

TEXT:

...programs originating in Memphis that will focus on Memphis music; creating more venues for local **talent** to perform; and establishing a music council to facilitate music becoming the Memphis marketing theme...

...The steps that need to be taken to accomplish that include: coordinating marketing expenditures and **efforts** of all elements of the hospitality industry; lobbying for a larger share of the state...

...and providing more public and private transportation between attractions.

The fifth recommendation calls for training **employees** so visitors leave with a positive impression of the community. To do that will require ...

...and expand existing minority businesses. Some of the steps needed to accomplish that include: recruiting **talented** minority individuals and businesses on a national and regional basis; developing a **data bank** that list minority businesses and committing to helping those business grow; and creating an understanding...people from outside Memphis to meet the needs of local companies for leading-edge technology **employees** ; funding chairs of excellence in technology and engineering and recruiting top professors; providing corporate funding...

...attitude by developing a sense of teamwork; and creating a communication medium to celebrate our **strengths** and victories and defragmenting the business community without being called racists.

The fourth recommendation is...

...system accountable for the education of all students by following the

plan's recommendations and **action** steps in the job skills development section.

The final recommendation calls for maintaining private-sector...

...reach its vision that is driven by the private sector and implementation through public policies.

**Action** steps in this area include: maintaining a balance between growth within the city and the...

...for every person to be connected to a seamless information utility where they live, learn, **work** and play; providing a favorable regulatory climate that fosters competition and liberates market forces that...

...s competitive advantage in communications technology to improve productivity.

The fifth and final development area, **job** skills, contains four recommendations and dozens of **action** steps (See related stories, Pages 8, 9.)....

14/3,K/17 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01749966 04-00957

**Employing GenXers**

Tulgan, Bruce

Executive Excellence v16n1 PP: 11-12 Jan 1999

ISSN: 8756-2308 JRNL CODE: EEX

WORD COUNT: 1314

...TEXT: 3. Build and utilize a large and diversely skilled talent pool. Create and maintain a **talent database** indexed by key categories that will tell you who has certain skills and knowledge; who has experience with certain projects; who **works** well with certain people. The best source of **talent** for your **database** will be former **employees** -the independent contractors who have served you best-and others you have considered hiring or...

14/3,K/18 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
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01016961 CMP ACCESSION NUMBER: IWK19940815S0044

**Building A New Future - Manufacturers need systems that provide real-time data and the ability to change orders**

Doug Bartholomew

INFORMATIONWEEK, 1994, n 488, 36

PUBLICATION DATE: 940815

JOURNAL CODE: IWK LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Client-Server

TEXT:

... food, automobiles, or toolboxes a supervisor or competitor is pushing for constant improvement and greater **speed** on all fronts. Today's manufacturing operations are full of urgency and demand. The biggest...

...enhance flexibility of operations, or make decisions based on real-time data. "Manufacturing industries are **moving** toward client-server applications that span the entire business," Piszczalski notes. True Promise But the...

...12,000 Sun Microsystems clones annually. Production information is contained on an Oracle 7 relational **database** that runs on a Pyramid

Technology Corp.'s Nile super-minicomputer. Ordering Made Easy One...

...operators at Waterloo Industries Inc., a Waterloo, Iowa, division of Master Brands, used to receive **work** orders by removing the top ticket from a Peg Board that was updated by the production control **staff**. The company, which makes toolboxes and metal cabinets, installed a client-server manufacturing execution system about the next item they need to **work** on. The PCs are connected via a Novell NetWare LAN to two 486 PC servers...

...customer due- dates and plant capacity. The Master Brands division is installing bar codes on **workers** ' badges to help managers track labor for reporting, payroll, and accounting purposes. "We'll be...

...says Alan Mangirch, a company manufacturing engineer. Manufacturers also are enlisting new systems to help **employees** make better-informed business decisions. Tom Du-bay, manager of forecasting and business systems at...

...ERP client-server systems are in full production. Moreover, he adds, "There is not enough **talent** in the industry to implement client-server systems." To combat the lack of trained **personnel**, several vendors have begun boosting their education **efforts**. Avalon established a Certified Avalon Implementer training program for consultants and users. Last spring, SAP...

S1 289931 WORK? ? OR TASK? OR JOB OR JOBS OR PHYSICAL() (ACTION? OR L-  
 ABOR? OR ACTIVIT?) OR CHORE?  
 S2 822649 ACT? ? OR ACTION OR MOVEMENT? OR CHOREOGRAPH? OR BENDING? -  
 OR MOTION? OR LIFTING? OR MOVING?  
 S3 897822 STRENGTH? OR MUSCLE? OR MANPOWER? OR EFFORT? OR FREQUENC? -  
 OR WEIGHT? OR SPEED?  
 S4 1843 TALENT? OR PHYSICAL() (ABILIT? OR DEMAND? OR REQUIREMENT?)  
 S5 158241 DATABASE? OR DATABANK? OR DATA() (BASE? OR BANK? OR FILE? OR  
 MINE?) OR DATAMINE? OR DATAFILE? OR DB OR RDB OR OODB OR DBMS  
 S6 140764 EMPLOYEE? OR WORKER? OR STAFF? OR HR OR HUMAN() RESOURCES OR  
 PERSONNEL?  
 S7 10 S1(S)S2(S)S3(S)S4(S)S5  
 S8 204 S1(5N)(S2 OR S3 OR S4)(5N)S5  
 S9 17 S8(S)S6  
 S10 26 S7 OR S9  
 S11 19 S10 AND IC=G06F?  
 S12 7 S1(5N)S4(5N)S6  
 S13 2 S12(S)S5  
 S14 26 S13 OR S12 OR S11  
 S15 26 IDPAT (sorted in duplicate/non-duplicate order)  
 S16 26 IDPAT (primary/non-duplicate records only)  
 File 348:EUROPEAN PATENTS 1978-2003/Mar W02  
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 File 349:PCT FULLTEXT 1979-2002/UB=20030313,UT=20030306  
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16/5/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01437430

Working state administration system, job state administration system and  
working-job state administration system  
Betriebszustands-Verwaltungssystem, Jobzustands-Verwaltungssystem und  
Verwaltungssystem fur aktive Aufgaben  
Systeme d'administration des etats des travaux, systeme d'administration  
des etats des taches et systeme pour administrer les etats des taches  
et travaux

PATENT ASSIGNEE:

KONICA CORPORATION, (206976), 26-2 Nishishinjuku 1-chome, Shinjuku-ku,  
Tokyo, (JP), (Applicant designated States: all)

INVENTOR:

Yanagimachi, Noriyuku, Konica Corp., 26-2, Nishishinjuku 1-chome,  
Shinjuku-ku, Tokyo 163-0512, (JP)

LEGAL REPRESENTATIVE:

Henkel, Feiler, Hanzel (100401), Mohlstrasse 37, 81675 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1221664 A2 020710 (Basic)

APPLICATION (CC, No, Date): EP 2001126689 011108;

PRIORITY (CC, No, Date): JP 2000344005 001110; JP 2000397757 001227

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT EP 1221664 A2

An administration system including; at least one job directory, for  
storing a file on a job, in which the job directory is recorded in a  
recording medium; a database for recording the working state of a working  
subject or of the job; a client terminal; an application software  
employed by a client user at each client terminal; and a working  
directory on a client terminal provided corresponding to the working  
subject and the job directory. In the administration system, if a  
connection state, between the working subject or the working directory  
corresponding thereto and the job directory, is changed, the application  
software records information regarding the connection state of the  
working subject onto the database so that the working state of the job is  
administered.

ABSTRACT WORD COUNT: 126

NOTE:

Figure number on first page: 4

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020710 A2 Published application without search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200228	4093
SPEC A	(English)	200228	42372
Total word count - document A			46465
Total word count - document B			0
Total word count - documents A + B			46465

16/5/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01379500

Advertising/information campaign management  
Verwaltung von Informations- oder Werbe- Kampagnen  
Gestion de campagnes d'information ou de publicite

PATENT ASSIGNEE:

Sonera Oyj, (2871982), Teollisuuskatu 15, P.O. Box 106, 00510 Helsinki,  
(FI), (Applicant designated States: all)

INVENTOR:

Nyberg, Hanna-Maija, Gyldenintie 5 A, 00200 Helsinki, (FI)

LEGAL REPRESENTATIVE:

Virkkala, Jukka Antero et al (85121), Kolster Oy Ab, Iso Roobertinkatu  
23, P.O. Box 148, 00121 Helsinki, (FI)

PATENT (CC, No, Kind, Date): EP 1172745 A1 020116 (Basic)

APPLICATION (CC, No, Date): EP 2000660127 000712;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT EP 1172745 A1

A method of managing an information campaign having several tasks. Many of the tasks relate to processing of images. The method comprises centrally administering a campaign database (CD) and an image database (ID) and entering into the campaign database (CD) the contact data of the participant responsible for each campaign task (P11 to P62). The campaign database (CD) is automatically updated in response to the completion of a campaign task. The campaign database (CD) determines the contact data of the participant responsible for the next campaign task and automatically informs this participant about the completion of the preceding campaign task. On the basis of the relevant task data (P11 to P62), different resolutions of the images of the image database (ID) are produced.

ABSTRACT WORD COUNT: 124

NOTE:

Figure number on first page: 3B

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020116 A1 Published application with search report

Examination: 020717 A1 Date of request for examination: 20020501

Examination: 020911 A1 Date of dispatch of the first examination  
report: 20020802

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200203	485
SPEC A	(English)	200203	4262
Total word count - document A			4747
Total word count - document B			0
Total word count - documents A + B			4747

16/5/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00296266

Failing resource manager in a multiplex communication system.

Verwaltung einer defekten Hilfsquelle in einem Multiplex-Kommunikationssystem.

Gestion d'une ressource defectueuse dans un systeme de communication a multiplexage.

PATENT ASSIGNEE:

ROLM Systems, (1352641), 4900 Old Ironsides Drive, Santa Clara, CA 95054,  
(US), (applicant designated states: DE;FR;GB)

INVENTOR:

Wah-Ling Breu, Wendy, 211 Thompson Square, Mt. View, CA 94043, (US)

LEGAL REPRESENTATIVE:

Fuchs, Franz-Josef, Dr.-Ing. et al (3891), Postfach 22 13 17, W-8000  
Munchen 22, (DE)

PATENT (CC, No, Kind, Date): EP 310782 A2 890412 (Basic)

EP 310782 A3 900627

EP 310782 B1 930310

APPLICATION (CC, No, Date): EP 88112794 880805;

PRIORITY (CC, No, Date): US 105771 871005

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04M-003/22; H04Q-011/04; H04L-012/26;



G06F-011/00

CITED PATENTS (EP A): US 4260859 A; GB 1123282 A

CITED REFERENCES (EP A):

INTERNATIONAL SWITCHING SYMPOSIUM, 15th - 20th March 1987, Phoenix, Arizona, US; Y. KOSEKI et al.: "SHOOTX: A multiple knowledge based diagnosis expert system for NEAX61 ESS", pages C1.6.1.-C1.6.5. or 0078/0082

ELECTRICAL COMMUNICATION, vol. 60, no. 2, 1986; M. THANDASSERI: "Expert systems application for TXE4A exchanges", pages 154-161;

ABSTRACT EP 310782 A2

A method and apparatus for detecting and analyzing errors in a communications system is described. The method employs expert system techniques to isolate failures to specific field replaceable units and attempts to restore the failing unit to service by removing it from service, resetting the resource and returning it to service if it passes retesting. The expert system techniques include detailed decision trees designed for each resource in the system. The decision trees also filter extraneous sources of errors from affecting the error analysis results.

ABSTRACT WORD COUNT: 89

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 890412 A2 Published application (A1with Search Report ;A2without Search Report)  
Examination: 891004 A2 Date of filing of request for examination: 890809  
Search Report: 900627 A3 Separate publication of the European or International search report  
Change: 911106 A2 Representative (change)  
\*Assignee: 911106 A2 Applicant (transfer of rights) (change): ROLM Systems (1352641) 4900 Old Ironsides Drive Santa Clara, CA 95054 (US) (applicant designated states: DE;FR;GB)  
\*Assignee: 911106 A2 Previous applicant in case of transfer of rights (change): International Business Machines Corporation (200120) Old Orchard Road Armonk, N.Y. 10504 (US) (applicant designated states: DE;FR;GB)  
Examination: 920722 A2 Date of despatch of first examination report: 920611  
Grant: 930310 B1 Granted patent  
Oppn None: 940302 B1 No opposition filed  
LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:  
Available Text Language Update Word Count  
CLAIMS B (English) EPABF1 892  
SPEC B (English) EPABF1 36667  
Total word count - document A 0  
Total word count - document B 37559  
Total word count - documents A + B 37559

16/5/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00963611 \*\*Image available\*\*

EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM FOR RENTAL VEHICLE SERVICES

SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES INTERNET POUR SERVICES DE LOCATION DE VEHICULES

Patent Applicant/Assignee:

THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

WEINSTOCK Timothy Robert, 1845 Highcrest Drive, St. Charles, MO 63303, US, US (Residence), US (Nationality), (Designated only for: US)

DE VALLANCE Kimberly Ann, 2037 Silent Spring Drive, Maryland Heights, MO 63043, US, US (Residence), US (Nationality), (Designated only for: US)  
HASELHORST Randall Allan, 1016 Scenic Oats Court, Imperial, MO 63052, US, US (Residence), US (Nationality), (Designated only for: US)  
KENNEDY Craig Stephen, 9129 Meadowglen Lane, St. Louis, MO 63126, US, US (Residence), US (Nationality), (Designated only for: US)  
SMITH David Gary, 10 Venice Place Court, Wildwood, MO 63040, US, US (Residence), US (Nationality), (Designated only for: US)  
TINGLE William T, 17368 Hilltop Ridge Drive, Eureka, MO 63025, US, US (Residence), US (Nationality), (Designated only for: US)  
KLOPFENSTEIN Anita K, 433 Schwarz Road, O'Fallon, IL 62269, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HAFERKAMP Richard E (et al) (agent), Howell & Haferkamp, L.C., Suite 1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200297700 A2 20021205 (WO 0297700)  
Application: WO 2001US51431 20011019 (PCT/WO US0151431)  
Priority Application: US 2000694050 20001020

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 237932

English Abstract

French Abstract

La presente invention concerne un systeme informatique de transaction entre entreprises qui dans un mode de realisation prefere est destine a fournir des services de location de vehicules pour des utilisateurs a demande elevee comportant un portail de reseau Internet grace auquel l'utilisateur a demande elevee peut acceder a une pluralite de fournisseurs de services comportant un reseau informatique d'entreprise integre pour au moins un fournisseur de services de location de vehicules. Le reseau informatique de fournisseur de services de location de vehicules est configure pour l'interconnexion d'une pluralite de succursales de diversite geographique, presentant le catalogue de leurs vehicules de location disponibles et des programmes les concernant ainsi que pour la gestion de toutes les donnees de transaction concernant son entreprise. Le portail de reseau Internet permet une connectivite et une transferabilite universelles pour une association d'entreprises a plusieurs niveaux qui placent regulierement des demandes elevees d'achat de location avec son associe commercial et egalement les autres fournisseurs de services qui peuvent ou non avoir le meme systeme et logiciel informatique d'entreprise integre. L'utilisation du procede et de l'appareil de la presente invention permet de placer, de grands volumes de transactions de location, de les controler, de les modifier en cours d'operation, et de les conclure avec des operations de comptabilite financiere et paiement pratiquement sans intervention humaine.

Legal Status (Type, Date, Text)

Publication 20021205 A2 Without international search report and to be republished upon receipt of that report.

Declaration 20030220 Late publication under Article 17.2a

Republication 20030220 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

16/5/5 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00933152 \*\*Image available\*\*

**EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM FOR RENTAL VEHICLE SERVICES**

**SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES, FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES**

Patent Applicant/Assignee:

THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US  
, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

WEINSTOCK Timothy Robert, 1845 Highcrest Drive, St. Charles, MO 63303, US  
, US (Residence), US (Nationality), (Designated only for: US)

DE VALLANCE Kimberly Amm, 2037 Silent Spring Drive, Maryland Heights, MO 63043, US, US (Residence), US (Nationality), (Designated only for: US)

HASELHORST Randall Allan, 1016 Scenic Oats Court, Imperial, MO 63052, US, US (Residence), US (Nationality), (Designated only for: US)

KENNEDY Craig Stephen, 9129 Meadowglen Lane, St. Louis, MO 63126, US, US (Residence), US (Nationality), (Designated only for: US)

SMITH David Gary, 10 Venice Place Court, Wildwood, MO 63040, US, US (Residence), US (Nationality), (Designated only for: US)

TINGLE William T, 17368 Hilltop Ridge Drive, Eureka, MO 63025, US, US (Residence), US (Nationality), (Designated only for: US)

KLOPFENSTEIN Anita K, 433 Schwarz Road, O'Fallon, IL 62269, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HAFERKAMP Richard E (et al) (agent), HOWELL & HAFERKAMP, L.C., Suite 1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200267175 A2 20020829 (WO 0267175)

Application: WO 2001US51437 20011019 (PCT/WO US0151437)

Priority Application: US 2000694050 20001020

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

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Detailed Description

Claims

Fulltext Word Count: 243912

English Abstract

French Abstract

Legal Status (Type, Date, Text)

Publication 20020829 A2 Without international search report and to be republished upon receipt of that report.

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DIALOG(R) File 349:PCT FULLTEXT  
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00931204 \*\*Image available\*\*

**INDIVIDUAL VALUATION IN A GROUP**  
**EVALUATION INDIVIDUELLE DANS UN GROUPE**

Patent Applicant/Assignee:

EBS ACQUISITION CORPORATION, One Mellon Bank Center, Pittsburgh, PA 15258  
, US, US (Residence), US (Nationality)

Inventor(s):

MACTAS Edward S, 911 Saint Lyonn Courts, Marietta, GA 30068, US,  
MADELL George, 15030 Grabapple Lake Drive, Roswell, GA 30076, US,  
LIEM Han, 2274 Wilderness Way, Marietta, GA 30066, US,

Legal Representative:

FALLOW Charles W (agent), Shoemaker and Mattare, 2001 Jefferson Davis  
Highway, Suite 1203, Arlington, VA 22202-0286, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200265233 A2-A3 20020822 (WO 0265233)

Application: WO 2002US1241 20020206 (PCT/WO US0201241)

Priority Application: US 2001267565 20010209; US 2001298561 20010616

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14175

**English Abstract**

An economic value is assigned to an individual's contribution to an organization or a group's contribution to the organization, based on aggregating the contributions of a set of individuals). The valuation metric, called "EVi" (614) "Expected Value of the Individual" (614), represents a measure of human capital value for any individual in an organization. The EVi (614) measure, when aggregated for an entire organization, becomes a tool for evaluating the performance of the human capital management system.

**French Abstract**

Une valeur economique est attribuee a la contribution d'un individu a une organisation (ou a la contribution d'un groupe a une organisation, sur la base du regroupement des contributions d'un ensemble d'individus). Le systeme de mesure de l'evaluation, nomme "EVi"<sup>sup</sup>"TM" ("Expected Value of the Individual", valeur estimee de l'individu), represente une mesure de la valeur du capital humain pour tous les individus d'une organisation. La mesure EVi"<sup>sup</sup>"TM, lorsqu'elle est regroupee pour une organisation entiere, devient un outil pour evaluer la performance du systeme de gestion du capital humain.

Legal Status (Type, Date, Text)

Publication 20020822 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20021128 Late publication of international search report

Republication 20021128 A3 With international search report.

Republication 20021128 A3 Before the expiration of the time limit for

amending the claims and to be republished in the  
event of the receipt of amendments.  
Examination 20030109 Request for preliminary examination prior to end of  
19th month from priority date

16/5/7 (Item 7 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00859575 \*\*Image available\*\*

**METHOD OF GRAPHICALLY INDICATING PATIENT INFORMATION**  
**PROCEDE DE PRESENTATION GRAPHIQUE D'INFORMATIONS DE PATIENT**

Patent Applicant/Assignee:

BELA INC, 1279 Roller Road, St. Clair, MO 63077, US, US (Residence), US  
(Nationality)

Inventor(s):

CULE LaVonne, 1279 Roller Road, St. Clair, MO 63077, US,  
FRANKENBERG Beth, Lot 36, Riverview Trailer Court, Union, MO 63084, US,  
SMITH Grady, 1279 Roller Road, St. Clair, MO 63077, US,

Legal Representative:

BARTA James J Jr (et al) (agent), Senniger, Powers, Leavitt & Roedel,  
16th Floor, One Metropolitan Square, St. Louis, MO 63102, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200193241 A1 20011206 (WO 0193241)

Application: WO 2001US17527 20010531 (PCT/WO US0117527)

Priority Application: US 2000208334 20000531; US 2001870373 20010530

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G09G-005/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6536

**English Abstract**

A system and method for graphically indicating patient information. The invention includes a representative image of the patient with icons (202, 206) to indicate or inform a health care worker of the condition of the patient. Each icon in a set of icons represents a condition available for use in describing the condition of a particular patient. Each icon is located at a predetermined position of the image in each implementation of the invention. After a user creates an image with icons selected for a particular patient (202 - 204), a fixed representation of the image (e.g., on a sheet of paper) is placed proximal to the patient (e.g., bedside) for visual conveyance of the patient's condition.

**French Abstract**

L'invention concerne un systeme et un procede de presentation graphique d'informations de patient. L'invention comprend une image representant le patient munie d'icomes (202, 206) destinees a signaler au personnel soignant ou a l'informer de l'etat du patient. Chaque icone d'un ensemble d'icomes represente un etat servant a decrir l'etat d'un patient particulier. Chaque icone est placee a une position predeterminee de l'image dans chaque mise en oeuvre de l'invention. Apres la creation, par l'utilisateur, d'une image munie d'icomes selectionnees pour un patient particulier (202-204), une representation fixe de l'image (p. ex. sur une feuille de papier) est mise a proximite du patient (p. ex. a cote du lit) de maniere a fournir une representation visuelle de l'etat du patient.

Legal Status (Type, Date, Text)  
Publication 20011206 A1 With international search report.

16/5/8 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00839975 \*\*Image available\*\*

**COMPUTER-IMPLEMENTED WEB DATABASE SYSTEM FOR STAFFING OF PERSONNEL  
SYSTEME DE BASE DE DONNEES WEB ACTIVEE PAR ORDINATEUR DESTINE A LA GESTION  
DU PERSONNEL**

Patent Applicant/Assignee:

LAWCORPS, 1819 L Street, N.W., 9th Floor, Washington, DC 20036, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

ARROWOOD Bryce, c/o LawCorps, 1819 L Street, N.W., 9th Floor, Washington,  
DC 20036, US, US (Residence), US (Nationality), (Designated only for:  
US)

Legal Representative:

DONNER Irah (et al) (agent), Hale and Dorr LLP, 1455 Pennsylvania Avenue,  
NW, Washington, DC 20004, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200173660 A1 20011004 (WO 0173660)

Application: WO 2001US9694 20010327 (PCT/WO US0109694)

Priority Application: US 2000192309 20000327; US 2000206546 20000524; US  
2000246078 20001107

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11847

**English Abstract**

A method, system and process for a computer-assisted staffing of employees (407) for a client (415). The system collects and stores, in a relational database (400), a large amount of information relating to the staffing of client's projects, including employee data (407), firm data (401), and order data (413). For example, the system stores timesheets (409) for the employees corresponding to the clients to which they are assigned; feedback (423) on the employees' performances is obtained and stored (411); and a large amount of other information. The information can be used by clients to manage and analyze personnel functions, to manage and analyze financial functions, to select from a roster of candidate employees, and to make future projections. Additionally, the information can be used by employees to track their performance, and personnel functions (403) such as accrued vacation. The system actively seeks information to ensure accuracy of the stored data. The database is web-enabled and is accessible via the internet.

**French Abstract**

L'invention concerne une methode, un systeme et un procede de gestion du personnel (407) assistes par ordinateur au profit d'un client (415). Le systeme collecte et stocke, dans une base de donnees relationnelle (400), une grande quantite d'informations relatives aux projets du clients pour fournir du personnel, notamment des donnees relatives aux employes (407), a la societe (401), aux offres d'emploi (413). Le systeme stocke, par exemple, des releves de temps (409) pour les employes correspondants aux

clients par lesquels leur a ete assigne le travail; la retroaction (423) concernant les performances des employes est obtenues et stockees (411), ainsi qu'une grande quantite d'autres informations. Ces informations peuvent etre utilisees par les clients afin de gerer et d'analyser les fonctions du personnel, les fonctions financieres, afin d'effectuer une selection parmi une liste d'employes candidats, et afin d'effectuer des previsions. En outre, elles peuvent etre utilisees par des employes afin de consulter leurs performances, et leurs fonctions personnelles (403), telles que des absences accrues. Le systeme recherche activement des informations afin d'assurer l'exactitude des donnees stockees. La base de donnees est activee par le Web et accessible via Internet.

Legal Status (Type, Date, Text)

Publication 20011004 A1 With international search report.

Examination 20020110 Request for preliminary examination prior to end of 19th month from priority date

Correction 20021227 Corrected version of Pamphlet: pages 1/47-47/47, drawings, replaced by new pages 1/47-47/47; due to late transmittal by the receiving Office

Republication 20021227 A1 With international search report.

16/5/9 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00833787 \*\*Image available\*\*

**COLLABORATIVE BENCH MARK BASED DETERMINATION OF BEST PRACTICES  
DETERMINATION DES MEILLEURS PRATIQUES SUR LA BASE D'ANALYSES COMPARATIVES  
EN COLLABORATION**

Patent Applicant/Assignee:

NETGUILDS INC, 341 Victory Drive, Herndon, VA 20170, US, US (Residence),  
US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

FARKAS Bernard, 2300 Sawdust Road, Vienna, VA 22181, US, US (Residence),  
US (Nationality), (Designated only for: US)

SEIFMAN Donald H, 6514 Heather Brook Court, McLean, VA 22101, US, US  
(Residence), US (Nationality), (Designated only for: US)

CHIAT Jonathan, 1560 Twisted Oak Drive, Reston, VA 20194, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

NEIFELD Richard A (agent), Oblon, Spivak, McClelland, Maier & Neustadt,  
P.C., Crystal Square Five, Fourth Floor, 1755 Jefferson Davis Highway,  
Arlington, VA 22202, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200167342 A1 20010913 (WO 0167342)

Application: WO 2001US4948 20010307 (PCT/WO US0104948)

Priority Application: US 2000187703 20000307; US 2000556787 20000425; US  
2000215076 20000630

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11227

English Abstract

This invention provides a novel system and method for bench marking (3)  
an industry affinity group member against other comparable members, by

efficiently gathering information characterizing each member, calculating indicators for each member based upon the data characterizing each member, by comparing the values for the indicators for one member to values for indicators for similar members, and by providing to a user (4) the results of the comparison, and it provides a novel database of information including company (5) information and associated employee status information. In addition, the invention provides means for automatically identifying, offering and selling member improvement products and services to the user (4) based upon the bench mark comparisons. Also available is a peer group forum enabling the user to get self help improvements.

#### French Abstract

La presente invention concerne un systeme et un procede d'analyses comparatives (3) entre membres d'un groupe d'affinites professionnelles par rapport a d'autres membres comparables. A cet effet, on recueille de l'information caracterisant chaque membre, et on calcule des indicateurs pour chaque membre en fonction des donnees caracterisant chaque membre. On compare ensuite les valeurs attribuees aux indicateurs d'un membre aux valeurs attribuees aux indicateurs de membres similaires, et on fournit a un utilisateur (4) les resultats de la comparaison, ce qui donne une nouvelle base de donnees d'information incluant l'information d'entreprise (5) et l'information sur l'etat du personnel associe. En outre, l'invention donne des moyens pour identifier automatique, offrir et vendre aux utilisateurs (4) des produits et services de perfectionnement des membres sur la base des comparaisons de l'analyse comparative. L'invention concerne egalement un forum de groupe de pairs permettant a l'utilisateur d'obtenir des ameliorations dans l'auto-assistance.

#### Legal Status (Type, Date, Text)

Publication 20010913 A1 With international search report.

Examination 20011220 Request for preliminary examination prior to end of 19th month from priority date

Correction 20021024 Corrected version of Pamphlet: pages 1/28-28/28, drawings, replaced by new pages 1/38-38/38; due to late transmittal by the receiving Office

Republication 20021024 A1 With international search report.

16/5/10 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00826494 \*\*Image available\*\*

#### **INTERACTIVE MULTI MEDIA USER INTERFACE USING AFFINITY BASED CATEGORIZATION INTERFACE UTILISATEUR MULTIMEDIA INTERACTIVE UTILISANT UNE CATEGORISATION PAR AFFINITE**

##### Patent Applicant/Assignee:

THE KISS PRINCIPLE INC, Suite 100, 1235 Pear Avenue, Mountain View, CA  
94043, US, US (Residence), US (Nationality)

##### Patent Applicant/Inventor:

ZENITH Steven Ericsson, Suite 100, 1235 Pear Avenue, Mountain View, CA  
94043, US, US (Residence), GB (Nationality), (Designated only for: AU)

##### Legal Representative:

CASEY Lindsay Joseph (et al) (agent), F.R. Kelly & Co., 27 Clyde Road,  
Ballsbridge, Dublin 4, IE,

##### Patent and Priority Information (Country, Number, Date):

Patent: WO 200160072 A2-A3 20010816 (WO 0160072)

Application: WO 2001IB438 20010214 (PCT/WO IB0100438)

Priority Application: US 2000504327 20000214

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International Patent Class: G06F-017/60

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Fulltext Availability:



Detailed Description  
Claims  
Fulltext Word Count: 11312

#### English Abstract

Computing devices capable of internetworking and receiving, storing a viewing programmed (scheduled) television and multimedia content provide a platform for access to a combination of Internet and Television content and services. On this platform, a mix of pre-scripted and live interactive dialog (chat with offered responses) are broadcast by a connected server or servers to provide supplemental entertainment, information regarding programmed content, enhancements to scheduled television advertising, a community experience, and an interface to Internet applications and services. The dialog provides a "Social Interface" allowing fictional and non-fictional characters to interact with viewers. The fictional and non-fictional characters are each emblematic of a specific affinity group categorization, which a user personally identifies with and is drawn to. Selection of an affinity character also provides a filter for selecting internet and broadcast content associated with that character. Second level content is also associated with and mediated by each character. This provides e commerce opportunities whereby sponsors can direct advertising content based upon factors such as the relative popularity of each character or the demographic group associated with each character.

#### French Abstract

La presente invention concerne des dispositifs informatiques qui peuvent travailler sur l'Internet, recevoir et stocker un contenu d'ecoute de television programme (a horaire fixe) et un contenu multimedia, qui offrent une plate-forme permettant d'accéder a une combinaison de contenus et de services Internet et de television. Sur cette plate-forme, un melange de dialogues interactifs en direct et pre-ecrits (discussions avec reponses offertes) est diffuse par un serveur ou des serveurs connectes de facon a offrir des divertissements supplementaires, des informations relatives a un contenu programme, des ameliorations de publicites de television programmees, une experience communautaire et une interface destinee a des applications et des services Internet. Le dialogue fournit une <=interface sociale> permettant a des personnages de fiction ou non d'interagir avec des visionneurs. Ces personnages de fiction ou non sont tous emblématiques d'une categorisation par groupes d'affinite specifique, avec lequel un utilisateur s'identifie personnellement et pour lequel il se sent attire. La selection d'un personnage par affinite permet aussi de filtrer une selection de contenu diffuses et de contenu Internet associee a ce personnage. Un contenu de second niveau est egalement associe a ce personnage et induit par celui-ci. Ceci offre des possibilites de commerce electronique dans lequel des sponsors peuvent diriger un contenu publicitaire fonde sur des facteurs tels que la popularite relative de chaque personnage ou le groupe demographique associe a chaque personnage.

#### Legal Status (Type, Date, Text)

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Search Rpt 20020530 Late publication of international search report  
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DIALOG(R) File 349:PCT FULLTEXT  
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00803586 \*\*Image available\*\*

COMPUTER-BASED SYSTEM AND METHOD FOR IMPLEMENTING AND MANAGING PRJECTS  
SYSTEME ET PROCEDE INFORMATIQUES DE MISE EN OEUVRE ET DE GESTION DE PROJETS  
Patent Applicant/Assignee:

VALUE INNOVATIONS INC, 63 Indigo Way, Castle Rock, CO 80104, US, US

(Residence), US (Nationality)

Inventor(s):

ART Greg, 360 Jack Boot Road, Monument, CO 80132, US,  
PENNY Deborah, 89 Mystic Valley Parkway, Winchester, MA 01890, US,  
LEE Richard K, 63 Indigo Way, Castle Rock, CO 80104, US,  
O'HALLORAN Jeff, Burlington, MA 01803, US,  
MIZUNO Takashi, 46 Bridge Street, Lexington, MA 02420, US,  
DANEHY Kevin, 40 Rutherford Avenue, Haverhill, MA 01830, US,  
GAYDOS Cyril, 131 Black Bear Drive #1902, Waltham, MA 02154, US,

Legal Representative:

HILYARD Chad S (et al) (agent), Townsend and Townsend and Crew LLP, Two  
Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200137145 A1 20010525 (WO 0137145)  
Application: WO 2000US31891 20001120 (PCT/WO US0031891)  
Priority Application: US 99166640 19991119

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 22914

English Abstract

A computer-based system and method are provided for managing steps of a project development and management process. The process may involve the progression of an idea (200) from a project idea evaluation step (202) to a preliminary project feasibility step. The project idea evaluation step (202) requires the evaluation of the idea (200) by a reviewer for a decision on whether to proceed. An idea submission document (500) having information fields for capturing information about the idea is stored in a database associated with the system and is provided to the reviewer. In response to a decision received from the reviewer as to whether the idea should progress, a project definition document having information fields in common with those in the idea submission document is stored in the database, the common fields being copied automatically.

French Abstract

L'invention concerne un systeme et un procede informatiques concus pour gerer les etapes d'un processus de mise au point et de gestion de projet. Dans ledit processus, il peut s'agir de l'avancement d'une idee (200) de l'etape d'evaluation (202) d'une idee de projet a l'etape preliminaire de faisabilite du projet. L'etape d'evaluation (202) exige l'evaluation de l'idee par un examinateur qui decidera de la, ou de ne pas la poursuivre. Ledit examinateur recoit un document de soumission (500) d'idee, stocke dans une base de donnees associee au systeme, qui contient des champs d'informations destines a la saisie d'informations concernant l'idee. En reponse a la decision emanant de l'examineur quant a la poursuite eventuelle de l'idee, on stocke, dans la base de donnees, un document de definition de projet contenant, en commun avec le document de soumission d'idee, des champs d'informations, les champs en commun etant copies automatiquement.

Legal Status (Type, Date, Text)

Publication 20010525 A1 With international search report.

Examination 20011025 Request for preliminary examination prior to end of  
19th month from priority date

Correction 20020530 Corrected version of Pamphlet: pages 1/40-40/40,

drawings, replaced by new pages 1/40-40/40; due to  
late transmittal by the receiving Office  
Republication 20020530 A1 With international search report.

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DIALOG(R)File 349:PCT FULLTEXT  
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00802534

**ANY-TO-ANY COMPONENT COMPUTING SYSTEM**  
**SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE**

Patent Applicant/Assignee:

E-BRAIN SOLUTIONS LLC, 1200 Mountain Creek Road, Suite 440, Chattanooga,  
TN 34705, US, US (Residence), US (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

WARREN Peter, 1200 Mountain Creek Road, Suite 440, Chattanooga, TN 37405,  
US, GB (Residence), GB (Nationality), (Designated only for: US)

LOWE Steven, 1625 Starboard Drive, Hixson, TN 37343, US, US (Residence),  
US (Nationality), (Designated only for: US)

Legal Representative:

MEHRMAN Michael J (agent), Paper Mill Village, Building 23, 600 Village  
Trace, Suite 300, Marietta, GA 30067, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200135216 A2-A3 20010517 (WO 0135216)

Application: WO 2000US31231 20001113 (PCT/WO US0031231)

Priority Application: US 99164884 19991112

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/44

International Patent Class: G06F-017/22

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 275671

**English Abstract**

A universal data and software structure and method for an Any-to-Any  
computing machine in which any number of any components can be related to  
any number of any other components in a manner that is not intrinsically  
hierarchical and is intrinsically unlimited. The structure and method  
includes a Concept Hierarchy; each concept or assembly of concepts is  
uniquely identified and assigned a number in a Numbers Concept Language  
or uniquely identified in a Non-numbers Concept Language. Each Component  
or assembly of Components is intrinsically related to all other data  
items that contain common or related components.

**French Abstract**

L'invention concerne une structure de donnees et de logiciel universelle  
ainsi qu'un procede de machine informatique toute categorie dans laquelle  
des composants, quels qu'ils soient et quel que soit leur nombre, peuvent  
etre rattaches a d'autres composants, quels qu'ils soient et quel que  
soit leur nombre, d'une maniere intrinsequement non hierarchisee et  
intrinsequement illimitee. La structure et le procede comportent une  
hierarchie conceptuelle; chaque concept ou ensemble de concepts est  
identifie de maniere unique et recoit un numero dans un langage  
conceptuel de nombres ou dans un langage conceptuel de non-nombres.  
Chaque composant ou ensemble de composants est intrinsequement rattache a  
tous les autres elements de donnees qui contiennent des composants

communs ou associes.

Legal Status (Type, Date, Text)

Publication 20010517 A2 Without international search report and to be  
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DIALOG(R) File 349:PCT FULLTEXT

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00793243 \*\*Image available\*\*

**ORGANIZATION OF INFORMATION TECHNOLOGY FUNCTIONS**

**ORGANISATION DE FONCTIONS DE TECHNOLOGIE DE L'INFORMATION**

Patent Applicant/Assignee:

ANDERSEN CONSULTING L L P, 100 South Wacker Drive, Chicago, IL 60603, US,  
US (Residence), US (Nationality)

Inventor(s):

DOVE Shari L, 21336 Williamsburg Court, Kildeer, IL 60047, US,  
EDWARDS John R, 3482 Montreal Way, Tucker, GA 30084, US,  
FLYNN Margaret M, 3942 N. Paulina Street, Chicago, IL 60613-2518, US,  
GHOSH Nirmalya, 5000 Wright Terrace, Skokie, IL 60077, US,  
PITT Robert C, 20 St. Phillips Road, London E8 3BP, GB,  
ROEDERSHEIMER Jeffrey, 2900 N. Burling Street, Chicago, IL 60657, US,  
RYAN Hugh W, 17075 Yearling Lane, Wadsworth, IL 60083, US,  
SIGMUND Larry A, 443 Sunset Drive, Crystal Lake, IL 60014, US,  
SMITH Cathern M, 1416 W. Melrose #1, Chicago, IL 60657, US,

Legal Representative:

RICHARDS Marc V (agent), Brinks Hofer Gilson & Lione, P.O. Box 10087,  
Chicago, IL 60610, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200125877 A2-A3 20010412 (WO 0125877)

Application: WO 2000US27857 20001006 (PCT/WO US0027857)

Priority Application: US 99158259 19991006

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 43417

**English Abstract**

The invention concerns a framework for information technology within a modern enterprise. The framework contains the functions required to effectively support a modern enterprise including customer service (10), service integration (20), capability development (40), change administration (50), strategy and architecture planning (60), general management and administration (70), human performance management (80), governance and strategic relationships (90). The invention discloses how the several functions interact to form a structure that can manage data and information using computer technology in modern enterprises including governmental and non-governmental organizations, and commercial enterprises.

**French Abstract**

L'invention concerne une structure pour la technologie de l'information

au sein d'une entreprise moderne. L'organisation contient les fonctions necessaires a assister une entreprise de maniere efficace du point de vue de la technologie de l'information. L'invention se rapporte a la maniere dont les differentes parties interagissent pour former une structure capable de gerer des donnees et des informations dans des entreprises modernes, l'entreprise etant une organisation gouvernementale, une organisation non-gouvernementale, ou une entreprise commerciale.

Legal Status (Type, Date, Text)

Publication 20010412 A2 Without international search report and to be republished upon receipt of that report.  
Search Rpt 20010907 Late publication of international search report  
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Examination 20011018 Request for preliminary examination prior to end of 19th month from priority date

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DIALOG(R)File 349:PCT FULLTEXT  
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00784184 \*\*Image available\*\*

**A SYSTEM, METHOD FOR FIXED FORMAT STREAM COMMUNICATION IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT**  
**SYSTEME, PROCEDE ET ARTICLE POUR FLUX DE FORMAT FIXE DANS UN ENVIRONNEMENT A CONFIGURATIONS DE SERVICES DE COMMUNICATION**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, P.O. Box 52037, Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200117194 A2-A3 20010308 (WO 0117194)  
Application: WO 2000US24114 20000831 (PCT/WO US0024114)  
Priority Application: US 99386430 19990831

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04L-029/06

International Patent Class: G06F-017/22 ; H04L-029/12

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 149954

English Abstract

A system, method, and article of manufacture provide a fixed format stream-based communication system. A sending fixed format contract on interface code is defined for a sending system. A receiving fixed format contract on interface code is also defined for a receiving system. A message to be sent from the sending system to the receiving system is translated based on the sending fixed format contract. The message is then sent from the sending system and subsequently received by the receiving system. The message received by the receiving system is then translated based on the receiving fixed format contract.

French Abstract

L'invention concerne un systeme, un procede et un article pour systeme de communication a flux de format fixe. Un contrat de format fixe de transmission sur code d'interface est defini pour un systeme de transmission. Un contrat de format fixe de reception sur code d'interface est egalement defini pour un systeme de reception. Un message destine a etre envoye du systeme de transmission au systeme de reception est converti sur la base du contrat de format fixe de transmission. Le message est ensuite transmis depuis le systeme de transmission, puis il est recu par le systeme de reception et converti sur la base du contrat de format fixe.

Legal Status (Type, Date, Text)

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00784136

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR BUSINESS LOGIC SERVICES PATTERNS IN A NETCENTRIC ENVIRONMENT**  
**SYSTEME, PROCEDE ET ARTICLE DE FABRICATION POUR STRUCTURES DE SERVICES DE LOGIQUE DE COMMERCE DANS UN ENVIRONNEMENT S'ARTICULANT AUTOUR DE L'INTERNET**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116728 A2-A3 20010308 (WO 0116728)

Application: WO 2000US24197 20000831 (PCT/WO US0024197)

Priority Application: US 99387658 19990831

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DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-009/44**

International Patent Class: **G06F-009/46**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 150863

English Abstract

A system, method, and article of manufacture are provided for implementing business logic service patterns for allowing reuse of a business object in a component-based architecture. An attribute dictionary pattern is used for controlling access to data of a business object via an attribute dictionary. A constant class pattern is provided for ensuring correct data at an attribute level. The patterns are utilized for reusing a business object which is classified as a business

component, a business service, and/or a business facility.

#### French Abstract

L'invention porte sur un systeme, un procede et un article de fabrication s'appliquant a la mise en oeuvre de structures de services de logique de commerce en vue d'etre autorise a utiliser un objet commercial dans une architecture a base de composants. Une structure de dictionnaire d'attributs est utilisee pour commander l'accès aux données d'un objet commercial via un dictionnaire d'attributs. Une structure de classement constant assure la correction des données a un niveau d'attributs. Les structures sont utilisees pour reutiliser un objet commercial classifie comme composant commercial, service commercial et/ou installation commerciale.

Legal Status (Type, Date, Text)

Publication 20010308 A2 Without international search report and to be republished upon receipt of that report.

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00784132

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LEGACY WRAPPER IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT**

**SYSTEME, PROCEDE ET DISPOSITIF POUR MODULE D'HABILLAGE EXISTANT DANS UN ENVIRONNEMENT DE SCHEMAS DE SERVICES DE COMMUNICATION**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill Roadast, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116724 A2-A3 20010308 (WO 0116724)

Application: WO 2000US24084 20000831 (PCT/WO US0024084)

Priority Application: US 99386834 19990831

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DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR

TT UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/44

International Patent Class: G06F-009/46

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 150947

#### English Abstract

A system, method, and article of manufacture are provided for affording access to a legacy system. A plurality of components coupled to a client via a component integration architecture are provided for servicing the client. A legacy system is interconnected to the client via the integration architecture using a legacy wrapper. The legacy system and the client are interfaced via the legacy wrapper by communicating with the client by way of a first protocol and by communicating with the

legacy system by way of a second protocol.

#### French Abstract

Cette invention concerne un systeme, un procede et un dispositif donnant acces a un systeme existant. Une pluralite de composants relies a un client via une architecture d'integration de composants est mise a la disposition du client. Un systeme existant est interconnecte via l'architecture d'integration au moyen d'un module d'habillage existant. Le systeme existant et le client sont mis en interface via le module d'habillage existant, la communication avec le client se faisant au moyen d'un premier protocole, celle avec le systeme existant au moyen d'un second protocole.

#### Legal Status (Type, Date, Text)

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16/5/17 (Item 17 from file: 349)

DIALOG(R) File 349: PCT FULLTEXT

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00784131

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A MULTI-OBJECT FETCH COMPONENT IN AN INFORMATION SERVICES PATTERNS ENVIRONMENT**  
**SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR COMPOSANT DE RECUPERATION MULTI-OBJET DANS UN ENVIRONNEMENT CARACTERISE PAR DES SERVICES D'INFORMATIONS**

#### Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

#### Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,

#### Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067, US,

#### Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US24083 20000831 (PCT/WO US0024083)  
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#### Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM

EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/44

International Patent Class: G06F-009/46

Publication Language: English

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Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 150940

#### English Abstract

A system, method, and article of manufacture are provided for retrieving multiple business objects across a network in one access operation. A business object and a plurality of remaining objects are provided on a persistent store. Upon receiving a request for the business object, it is established which of the remaining objects are related to the business



object. The related objects and the business object are retrieved from the persistent store in one operation and it is determined how the retrieved related objects relate to the business object and each other. A graph of relationships of the business and related objects is instantiated in memory.

#### French Abstract

La presente invention concerne un systeme, un procede et un article manufacture destine a la recuperation de plusieurs objets d'affaires dans un reseau en une operation d'accès. A cet effet, on dispose dans une memoire permanente d'un objet d'affaire et d'une pluralite d'objets restants. Des la reception d'une requete se rapportant a un objet d'affaires, on recherche deux des objets restants qui sont en relations avec l'objet d'affaires. Une seule operation permet ainsi de recuperer dans la memoire permanente ces objets ainsi que l'objet d'affaires. Il ne reste plus qu'a determiner les relations existant d'une part entre les objets consideres et d'autre part entre ces objets et l'objet d'affaires. Une instantiation d'un graphique des relations entre les objets et l'objet d'affaire est conservee en memoire.

Legal Status (Type, Date, Text)

Publication 20010308 A2 Without international search report and to be republished upon receipt of that report.

Examination 20010809 Request for preliminary examination prior to end of 19th month from priority date

Search Rpt 20020912 Late publication of international search report

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DIALOG(R)File 349:PCT FULLTEXT

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00784124

**SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR A REQUEST SORTER IN A TRANSACTION SERVICES PATTERNS ENVIRONMENT**  
**SYSTEME, PROCEDE ET ARTICLE DE FABRICATION APPLIQUES DANS UN TRIEUR DE REQUETES D'UN ENVIRONNEMENT DE STRUCTURES DE SERVICES DE TRANSACTIONS**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th floor, 2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116704 A2-A3 20010308 (WO 0116704)

Application: WO 2000US24082 20000831 (PCT/WO US0024082)

Priority Application: US 99386715 19990831

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FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD

MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ

VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/46

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 150733

English Abstract

A system, method and article of manufacture are provided for sorting requests that are being unbatched from a batched message. A group of business objects necessary for a transaction are provided. Logically-related requests received from the business objects are grouped. Sorting rules and/or sort weights are obtained and the requests in the message are sorted and placed in a specific order determined from the sorting rules and/or the sort weights. The sorted requests are batched into a single message which is sent to a data server where the requests are unbundled from the message in the specific order.

#### French Abstract

L'invention porte sur un systeme, un procede et un article de fabrication utilises dans le tri de requetes qui sont desolidarisees d'un message traite par lots. L'invention porte egalement sur un groupe d'objets commerciaux destines a etre utilises dans une transaction. Les requetes relatives a une logique et provenant d'objets commerciaux sont groupees. Des regles et/ou des poids de tri sont obtenus et les requetes du message sont trieess et placees dans un ordre specifique, determine a partir des regles et/ou des poids de tri. Les requetes trieess sont traitees par lots dans un message unique qui est envoye a un serveur de donnees ou les requetes sont desolidarisees du message dans l'ordre specifique.

#### Legal Status (Type, Date, Text)

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Examination 20010809 Request for preliminary examination prior to end of 19th month from priority date  
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16/5/19 (Item 19 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00784119

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A REFRESHABLE PROXY POOL IN A COMMUNICATION ENVIRONMENT**  
**SYSTEME, PROCEDE ET ARTICLE POUR GROUPE D'ELEMENTS MANDATAIRES (PROXY) RAFFRAICHISSABLES DANS UN ENVIRONNEMENT A CONFIGURATIONS DE SERVICES DE COMMUNICATION**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116668 A2-A3 20010308 (WO 0116668)

Application: WO 2000US24113 20000831 (PCT/WO US0024113)

Priority Application: US 99386239 19990831

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DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL

TJ TM TR TT TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/46

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

English Abstract

A system, method, and article of manufacture are provided for interfacing a naming service and a client with the naming service allowing access to a plurality of different sets of services from a plurality of globally addressable interfaces. The naming service calls for receiving locations of the global addressable interfaces. As a result of the calls, proxies are generated based on the received locations of the global addressable interfaces. The proxies are received in an allocation queue where the proxies are then allocated in a proxy pool. Access to the proxies in the proxy pool is allowed for identifying the location of one of the global addressable interfaces in response to a request received from the client.

French Abstract

L'invention concerne un systeme, un procede et un article permettant d'assurer l'interface entre un service de denomination et un client, le service de denomination donnant acces a plusieurs series de services a partir de plusieurs interfaces globalement adressables. Le service de denomination etablit des appels pour recevoir les emplacements des interfaces globalement adressables. Suite aux appels en question, les elements proxy sont etablis sur la base des emplacements recus pour les interfaces globalement adressables. Ces elements sont recus dans une file d'attente d'affectation puis attribues a un groupe d'elements proxy depuis la file d'attente. L'accès aux elements de ce groupe est autorise pour identifier l'emplacement de l'une des interfaces globalement adressables, en reponse a une demande recue de la part d'un client.

Legal Status (Type, Date, Text)

Publication 20010308 A2 Without international search report and to be  
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Examination 20010809 Request for preliminary examination prior to end of  
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Search Rpt 20020221 Late publication of international search report  
Republication 20020221 A3 With international search report.

16/5/20 (Item 20 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00777017

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A HOST FRAMEWORK DESIGN IN  
AN E-COMMERCE ARCHITECTURE**

**SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A LA CONCEPTION D'UNE  
STRUCTURE D'ORDINATEUR CENTRAL DANS UNE ARCHITECTURE DE COMMERCE  
ELECTRONIQUE**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

UNDERWOOD Roy A, 4436 Hearthmoor Court, Long Grove, IL 60047, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,  
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109752 A2-A3 20010208 (WO 0109752)  
Application: WO 2000US20560 20000728 (PCT/WO US0020560)  
Priority Application: US 99364733 19990730

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US  
UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/46  
International Patent Class: G06F-009/44 ; G06F-017/30 ; G06F-017/60  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 122613

#### English Abstract

A system, method and article of manufacture are provided for accessing services within a server without a need for knowledge of an application program interface of the server. A role container is first created. Next, a role class is defined and an attribute for the role class is generated which includes a default start page attribute. In the role container, a role object is made in the role class with the default start page attribute associated therewith. A uniform resource locator is selected for the default start page attribute.

#### French Abstract

L'invention concerne un systeme, un procede et un article de production permettant d'accéder a des services a l'interieur d'un serveur sans avoir necessairement la connaissance d'une interface de programme d'application du serveur. Un contenant de role est tout d'abord cree. Ensuite, une classe de role est definie et un attribut pour la classe de role est produit lequel contient un attribut de page d'ouverture implicite. Dans le contenant de role, un objet de role est produit dans la classe de role avec l'attribut de page d'ouverture implicite lui etant associe. Un localisateur de ressource uniforme est selectionne pour l'attribut de la page d'ouverture implicite.

#### Legal Status (Type, Date, Text)

Publication 20010208 A2 Without international search report and to be republished upon receipt of that report.  
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DIALOG(R)File 349:PCT FULLTEXT  
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00750388 \*\*Image available\*\*

#### **METHOD FOR TRAVERSING A FLOWCHART METHODE POUR SUIVRE UN ORGANIGRAMME**

Patent Applicant/Assignee:

DECISIS CORPORATION, 1720 S. Amphlett Boulevard, Suite 230, San Mateo, CA 94402, US, US (Residence), US (Nationality)

Inventor(s):

GRIMSE Mark, 1924 Ashland Way, San Jose, CA 95130, US  
KING Thomas A, 153 Montair Drive, Danville, CA 94526, US  
NEARGARDER Pat, 12400 Radoyka Drive, Saratoga, CA 95070, US  
OHR Michael, Donnersbergweg 15, D-76187 Karlsruhe, DE

Legal Representative:

LOHSE Timothy W, Gray Cary Ware & Freidenrich LLP, 3340 Hillview Avenue, Palo Alto, CA 94304, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200063765 A1 20001026 (WO 0063765)  
Application: WO 2000US10254 20000414 (PCT/WO US0010254)  
Priority Application: US 99292653 19990415

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Main International Patent Class: G06F-003/00  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 15539

English Abstract

A guidance application (54) retrieves information from a database (50) and an expert system (52) and guides the user through a process, in lieu of a flowchart (150, 550, 710). A system and method is provided for guiding a user through a complex process having a plurality of steps. A user with little or no knowledge of the process may use the system to complete the process. The guidance system includes a model of the logical structure of the process steps and guidance pages which provide the user with additional information. The guidance pages may be dynamically or statically generated, and are easily customizable.

French Abstract

L'invention porte: sur une application de guidage (54) capable de rechercher des informations dans une base de donnees (50) et dans des systemes experts (52) et guidant l'utilisateur dans un processus se substituant a un organigramme (150, 550, 710); et sur le systeme et le procede associes qui guident l'utilisateur dans un processus complexe en plusieurs etapes. Un utilisateur ne connaissant que peu ou pas le processus peut utiliser le systeme pour parachever ledit processus. Le systeme de guidage comporte un modele de structure logique des etapes du processus et des pages de guidage fournissant a l'utilisateur des informations supplementaires. Lesdites pages, elaborables dynamiquement ou statiquement, sont facilement personnalisables.

Legal Status (Type, Date, Text)

Publication 20001026 A1 With international search report.  
Examination 20010426 Request for preliminary examination prior to end of 19th month from priority date

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DIALOG(R)File 349:PCT FULLTEXT  
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00738050 \*\*Image available\*\*

**APPARATUS AND METHOD FOR MONITORING AND MAINTAINING PLANT EQUIPMENT  
DISPOSITIF ET PROCEDE DE SURVEILLANCE ET ENTRETIEN D'INSTALLATIONS  
MATERIELLES**

Patent Applicant/Assignee:

NORTHEAST EQUIPMENT INC doing business as DELTA MECHANICAL SEALS, 44  
Propper Lane, Fall River, MA 02720, US, US (Residence), US  
(Nationality)

Inventor(s):

BJORNSEN Carl C, 29 Bowen Avenue, Tiverton, RI 02905, US,

Legal Representative:

GORDON Peter J (agent), Wolf, Greenfield & Sacks, P.C., 600 Atlantic  
Avenue, Boston, MA 02210, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200051037 A2-A3 20000831 (WO 0051037)  
Application: WO 2000US4072 20000217 (PCT/WO US0004072)  
Priority Application: US 99255511 19990222

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM  
Main International Patent Class: G06F-017/40  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 30407

#### English Abstract

A computer system implements a process for gathering, synthesizing, and analyzing data relating to a pump and/or seal or other rotating equipment failure. Data indicating the current state of the equipment is gathered and verified prior to a failure occurring so that accurate information is available. After a failure or problem occurs, data about the problem or failure are methodically gathered to aid in the determination of the root cause of the failure. In particular, visual images of failure modes are provided to the user to ensure that proper and accurate data are obtained. A user also is directed to gather other data about the failure and the system. After data relating to the problem or failure has been gathered, the data are synthesized and an analysis is performed to determine the root cause of the failure or problem.

#### French Abstract

Ce systeme informatique met en oeuvre un procede de collecte, synthese et analyse de donnees relatives a une defaillance de materiel du type pompe et/ou scellement ou autre materiel rotatif. Ce procede consiste a recueillir et verifier des donnees indiquant l'etat actuel du materiel, avant la survenue de la defaillance, de facon a disposer d'informations precises, et, lors de la survenue d'une defaillance ou d'un probleme, a recueillir de facon methodique des donnees relatives a ce probleme ou a cette defaillance, afin de faciliter la determination de la cause fondamentale de la defaillance, des images visuelles des modes de defaillance etant notamment fournies a l'utilisateur afin que celui-ci puisse obtenir des donnees pertinentes et precises ; le procede consiste egalement a guider un utilisateur dans la collecte d'autres donnees relatives a la defaillance et au systeme, de meme qu'apres collecte des donnees relatives au probleme ou a la defaillance, a synthetiser ces donnees et a proceder a une analyse de celles-ci, afin de determiner la cause fondamentale de la defaillance ou du probleme. Ces divers procedes et dispositifs permettent a un non-specialiste d'identifier et diagnostiquer de maniere adequate une defaillance ou un probleme associe a une pompe et un scellement mecaniques. Apres determination, par le biais de l'analyse, de la cause fondamentale du probleme ou de la defaillance du systeme, le systeme propose des actions et plans correcteurs destines a la mise en oeuvre d'une action correctrice. Des instructions d'installation, des informations d'apprentissage et de securite peuvent egalement etre fournies a l'utilisateur, afin de permettre a celui-ci d'executer de maniere adequate l'action correctrice choisie. Un gestionnaire de fiabilite d'installations peut egalement surveiller la marche des installations et verifier que les corrections relatives aux installations, a l'entretien et aux defaillances sont executees correctement. Ce gestionnaire peut encore reperer des problemes ou defaillances, departement par departement, ou individu par individu, afin de determiner si un apprentissage supplementaire se revele necessaire.

#### Legal Status (Type, Date, Text)

Publication	20000831	A2 Without international search report and to be republished upon receipt of that report.
Examination	20001102	Request for preliminary examination prior to end of 19th month from priority date
Search Rpt	20010222	Late publication of international search report
Search Rpt	20010222	Late publication of international search report
Correction	20020620	Corrected version of Pamphlet: pages 1/52-52/52, drawings, replaced by new pages 1/54-54/54; due to late transmittal by the receiving Office
Republication	20020620	A3 With international search report.

16/5/23 (Item 23 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00563466 \*\*Image available\*\*

**ADVANCED MODEL FOR AUTOMATIC EXTRACTION OF SKILL AND KNOWLEDGE INFORMATION  
FROM AN ELECTRONIC DOCUMENT**

**MODELE EVOLUE DESTINE A L'EXTRACTION AUTOMATIQUE DES INFORMATIONS RELATIVES  
AU SAVOIR-FAIRE ET AUX CONNAISSANCES DEPUIS UN DOCUMENT ELECTRONIQUE**

Patent Applicant/Assignee:

INFODREAM CORPORATION,  
ANDLEIGH Prabhat K,  
PAPPU Nagaraju,  
KALINDINDI Vasudeva V,

Inventor(s):

ANDLEIGH Prabhat K,  
PAPPU Nagaraju,  
KALINDINDI Vasudeva V,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200026839 A1 20000511 (WO 0026839)  
Application: WO 99US26083 19991103 (PCT/WO US9926083)  
Priority Application: US 98107063 19981104; WO 98US27664 19981228; US  
99380219 19990827

Designated States: CA GB IN US

Main International Patent Class: G06F-017/60

Publication Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 10109

**English Abstract**

An apparatus, method, and computer readable medium for analyzing and extracting skill and knowledge information from an electronic document (104) and for storing the extracted skill and knowledge information into predefined fields or tables in a target database (110) comprises a content analysis and semantic network engine (216) for analyzing and extracting skill and knowledge information from the electronic document (104). A skill and knowledge information extractor (702) is coupled to the content analysis and semantic network engine (216), for determining a skill level for the skill information extracted from the electronic document (104). In a preferred embodiment, the skill and knowledge section processor (702) uses a non-monotonic reasoning principle to determine a skill level for skill information extracted from the electronic document (104). The content analysis and semantic network engine (216) further comprises a thesaurus (221) for linking together terms (402) and skill information (404), and for defining relationships between and among the terms (402) and skill information (404), and a semantic network (220) coupled to the thesaurus (221), for organizing the terms (402) and skill information (404) in the thesaurus (221), along with knowledge information (502) and categories (504), in a hierarchical structure.

**French Abstract**

L'invention concerne un appareil, un procede et un support lisible par ordinateur destines a l'analyse et a l'extraction des informations relatives au savoir-faire et aux connaissances depuis un document electronique (104) ainsi qu'au stockage des informations extraites relatives au savoir-faire et aux connaissances dans des tables ou des champs predetermines d'une base de donnees cible (110), le procede comprenant un moteur (216) d'analyse de contenu et de reseau semantique qui sert a l'analyse et a l'extraction des informations relatives au savoir-faire et aux connaissances depuis le document electronique (104). Un extracteur (702) des informations relatives au savoir-faire et aux connaissances est couple au moteur (216) d'analyse de contenu et de reseau semantique pour determiner un niveau de savoir-faire en rapport

avec les informations relatives au savoir-faire extraites depuis un document électronique (104). Dans un mode de réalisation préféré, le processeur (702) de la section du savoir-faire et des connaissances utilise un raisonnement non monotone pour déterminer un niveau de savoir-faire en rapport avec les informations relatives au savoir-faire extraites depuis un document électronique (104). Le moteur (216) d'analyse de contenu et de réseau sémantique comprend en outre un thésaurus (221) destinés à lier entre eux les termes (402) et les informations (404) relatives au savoir-faire et à définir les relations entre les termes (402) et les informations (404) relatives au savoir-faire, ainsi qu'avec un réseau sémantique (220) couplé au thésaurus (221) et servant à organiser les termes (402) et les informations (404) relatives au savoir-faire dans le thésaurus (221), conjointement avec les informations (502) sur les connaissances et les catégories (504), dans une structure hiérarchique.

16/5/24 (Item 24 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00502955 \*\*Image available\*\*

**EXTRACTION SERVER FOR UNSTRUCTURED DOCUMENTS**  
**SERVEUR D'EXTRACTION**

Patent Applicant/Assignee:

INFODREAM CORPORATION,  
ANDLEIGH Prabhat K,  
PAPPU Nagaraju,  
KALIDINDI Vasudeva V,

Inventor(s):

ANDLEIGH Prabhat K,  
PAPPU Nagaraju,  
KALIDINDI Vasudeva V,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9934307 A1 19990708

Application: WO 98US27664 19981228 (PCT/WO US9827664)

Priority Application: US 9768920 19971229

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM

AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM

GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11061

**English Abstract**

A system for analyzing and extracting words and word groups from an electronic document (104) and for storing the extracted words and word groups into predefined fields or tables in a target database (110) comprises a content analysis and semantic network engine (216) for analyzing and extracting words and word groups from the electronic document and a heuristics engine (212) coupled to the content analysis and semantic network engine (216), for applying a set of heuristics to the words and word groups in the electronic document. The content analysis and semantic network engine (216) further comprises a thesaurus (400) for linking together terms (402) and concepts (404) and for defining relationships between and among the terms (402) and concepts (404), a semantic network (220) coupled to the thesaurus (400), for organizing the terms (402) and concepts (404) in the thesaurus (400), meta-concepts (502), and categories (504) in a hierarchical structure, and section processors (218) for analyzing a section in the electronic document (104) and applying a set of heuristics to each section in the electronic document (104). The system further comprises a document



pre-processor (210) for performing an initial analysis on the electronic document (104), a morphological analysis engine (214) coupled to the heuristics engine (212) for performing a morphological analysis and tagging of words and word groups in the electronic document (104), and a database interface (222) for providing an interface between the content analysis and semantic network engine (216) and the target database (110).

#### French Abstract

L'invention porte sur un systeme d'analyse et d'extraction de mots et groupes de mots d'un document electronique (104) et de stockage desdits mots et groupes de mots dans des champs ou tables predefinis d'une base de donnees cible (110). Ledit systeme comporte un automate d'analyse du contenu et a reseaux semantiques (216) analysant puis extrayant les mots et groupes de mots du document, et un automate heuristique (212) d'application d'heuristiques de mots ou de groupes de mots extraits lui etant annexe. L'automate d'analyse du contenu et a reseaux semantiques (216) comporte en outre: un thesaurus (400) en reliant les termes (402) aux concepts (404) et definissant les relations entre termes (402) et concepts (404); un reseau semantique (220) annexe du thesaurus (400) qui organise les termes (402) et concepts (404) du thesaurus (400), et les metaconcepts (502) et categories (504) selon une structure hierarchisee; et des processeurs de sections (218) analysant chacun une section du document (104) et appliquant un jeu d'heuristiques a chacune d'elles. Le systeme comporte de plus un preprocesseur (210) effectuant une preanalyse du document (104), un automate d'analyse morphologique (214) relie a l'automate heuristique (212) effectuant l'analyse morphologique et marquant certains mots et groupes de mots du document electronique (104) et une interface de base de donnees (222) placee entre l'automate d'analyse du contenu et a reseaux semantiques (216) et la base de donnees cible (110).

16/5/25 (Item 25 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00298916

#### METHOD OF AND APPARATUS FOR PROCESSING DATA AT A REMOTE WORKSTATION

#### PROCEDE ET APPAREIL DE TRAITEMENT DE DONNEES AU NIVEAU D'UN POSTE DE TRAVAIL ELOIGNE

Patent Applicant/Assignee:

EMPIRE BLUE CROSS BLUE SHIELD,  
SIGMA IMAGING SYSTEMS INC,  
YIEN Richard S,  
STRATIGOS William N,

Inventor(s):

YIEN Richard S,  
STRATIGOS William N,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9517067 A1 19950622

Application: WO 94US14785 19941219 (PCT/WO US9414785)

Priority Application: US 93327 19931217

Designated States: AU BR CA FI JP KR NO US AT BE CH DE DK ES FR GB GR IE IT  
LU MC NL PT SE

Main International Patent Class: H04L-029/06

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6741

#### English Abstract

A method and apparatus for processing at a remote workstation (14), data files that are compressed and collected into groups on a local area network (10) at a central location. The files of a group are transferred to the workstation over an ISDN switched telephone network (22) in response to automatic requests from the workstations. The workstation

requests depend on unprocessed files at the workstation as well as the time and date, in order to reduce the connection time. When files are received at the workstation the first is immediately decompressed and presented to the operator. In the meantime the next file which the operator is expected to need is decompressed in the background and is ready for processing as soon as the operator finishes with the first. When the operator switches to the next file the processing results are automatically saved and a further file is decompressed and held in a queue for the operator.

#### French Abstract

L'invention concerne un procede et un appareil de traitement au niveau d'un poste de travail eloigne (14) de fichiers de donnees comprimes et rassembles en groupes sur un reseau local (10) au niveau d'un site central. Les fichiers d'un groupe sont transferees au poste de travail par un reseau telephonique commute RNIS (reseau numerique a integration de services) (22) en reponse a des demandes automatiques en provenance des postes de travail. Les demandes du poste de travail dependent de fichiers non traites au niveau de ce dernier, de l'heure et de la date de maniere a reduire le temps de connexion. Lorsque des fichiers sont recus au niveau du poste de travail, le premier est immediatement decomprime et presente a l'operateur. Entre-temps, le fichier suivant que l'operateur est susceptible de necessiter est decomprime en fond de sorte qu'il soit pret a etre traite des que l'operateur en a termine avec le premier fichier. Lorsque l'operateur passe au fichier suivant, les resultats du traitement sont sauvegardes automatiquement et un autre fichier est decomprime et mis en file d'attente pour l'operateur.

16/5/26 (Item 26 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00273900

#### PROACTIVE USER NETWORK

#### RESEAU PROACTIF POUR UTILISATEURS

Patent Applicant/Assignee:

WALDEN Michael,

Inventor(s):

WALDEN Michael,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9422076 A1 19940929

Application: WO 94US2866 19940317 (PCT/WO US9402866)

Priority Application: US 9334576 19930319

Designated States: AU CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-009/40

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10722

#### English Abstract

Apparatus and method are described for a proactive system for assisting the computer operations of an organization. The proactive system is shown to include a dictionary of operations (10) of said organization, an organizer (10) for organizing information entered at a first input/output device (18) in accordance with the dictionary of operations; and a transmitter (10) for transmitting organized information to a second input/output device (18) whenever the organization of information in accordance with the dictionary requires information to be transmitted. In one embodiment, the organizer (10) associates a current identifier to the information while the information is being organized in accordance with said dictionary.

#### French Abstract

Appareil et procede relatifs a un systeme proactif destine a assister les operations informatiques d'une organisation. Ledit systeme proactif

comporte un dictionnaire d'operations (10) de ladite organisation, un organisateur (10) destine a organiser les informations entrees au niveau d'un premier dispositif d'entree/sortie (18) selon le dictionnaire des operations, et un emetteur (10) servant a transmettre les informations organisees a un second dispositif d'entree/sortie (18) lorsque l'organisation des informations selon le dictionnaire necessite la transmission des informations. Dans un mode de realisation, l'organisateur (10) associe un identificateur courant aux informations, tandis que les informations sont organisees selon ledit dictionnaire.

Set	Items	Description
S1	738472	WORK? ? OR TASK? OR JOB OR JOBS OR PHYSICAL() (ACTION? OR ACTIVIT?) OR CHORE?
S2	2090379	ACT? ? OR ACTION OR MOVEMENT? OR CHOREOGRAPH? OR BENDING? - OR MOTION? OR LIFTING? OR MOVING?
S3	2865986	STRENGTH? OR MUSCLE? OR MANPOWER? OR EFFORT? OR POWER? OR - WEIGHT?
S4	142	PHYSICAL() (ABILIT? OR DEMAND? OR REQUIREMENT?)
S5	131761	DATABASE? OR DATABANK? OR DATA() (BASE? OR BANK? OR FILE? OR MINE?) OR DATAMINE? OR DATAFILE? OR DB OR RDB OR OODB OR DBMS
S6	1022	S1 AND (S2 OR S3 OR S4) AND S5
S7	64	S6 AND (EMPLOYEE? OR WORKER? OR STAFF?)
S8	144	S6 AND IC=G06F-015?
S9	42	S7 AND IC=G06F?
S10	52405	S1(10N) (S2 OR S3 OR S4)
S11	39	S10 AND S8
S12	72	S9 OR S11
S13	43	S12 AND IC=G06F-015?
S14	43	IDPAT (sorted in duplicate/non-duplicate order)
S15	40	IDPAT (primary/non-duplicate records only)
S16	105354	HR OR HUMAN() RESOURCES OR PERSONNEL? OR STAFFING?
S17	1	S16 AND S15
S18	3	S12 AND S16
S19	18	S6 AND S16
S20	17	S19 NOT S13
S21	17	IDPAT (sorted in duplicate/non-duplicate order)
S22	17	IDPAT (primary/non-duplicate records only)

File 344:Chinese Patents Abs Aug 1985-2003/Jan  
(c) 2003 European Patent Office  
File 347:JAPIO Oct 1976-2002/Nov(Updated 030306)  
(c) 2003 JPO & JAPIO  
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200318  
(c) 2003 Thomson Derwent

*Foreign  
Patent  
Files*

17/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

009048093 \*\*Image available\*\*  
WPI Acc No: 1992-175464/199221  
XRAM Acc No: C92-080531  
XRPX Acc No: N92-132293

**System for producing staff schedules - based on a function of available resources, employee skill, availability and priority**

Patent Assignee: MRS FIELDS INC (MRSF-N)  
Inventor: BLACKLEY T; FIELDS R K; QUINN P R  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5111391	A	19920505	US 89417643	A	19891005	199221 B

Priority Applications (No Type Date): US 89417643 A 19891005

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5111391	A		25		

Abstract (Basic): US 5111391 A

The **staff** scheduling data processing system schedules **staff** and management **personnel** at locations remote from the central location by applying central location policy to remote location data to ensure the optimum **staff** schedule for each remote site. The system included a **database** for storing and retrieving information. It includes central office policy, applicable labour requirements, **tasks** that need to be performed, skill levels required to perform **tasks** and resources that may confine or facilitate the scheduling of a **task** at a given time. It also includes relationships between **tasks** that will alter the placement or **movement** of a **task** on a schedule, **employees** with associated skill levels and priorities and availability, the **employee** 's time that it takes to **work** on a particular **task** , and the positive and negative slide in relation to the **task** 's completion time by the **employee** .

Upon request to create a schedule for a given day for a remote location, the system selects all the **tasks** to be performed on that day, and using historical data about the location, the **tasks** , the skill required to complete the **tasks** , the available resources, **employee** availability, and central office policy, creates an optimised display of the required schedules.

ADVANTAGE - Creates optimised **staff** schedule.

.dl5

Dwg.4/4

Title Terms: SYSTEM; PRODUCE; **STAFF** ; SCHEDULE; BASED; FUNCTION; AVAILABLE ; RESOURCE; EMPLOY; SKILL; AVAILABLE; PRIORITY

Derwent Class: T01

International Patent Class (Additional): **G06F-015/21**

File Segment: EPI

?ds;show files

Set	Items	Description
S1	738472	WORK? ? OR TASK? OR JOB OR JOBS OR PHYSICAL() (ACTION? OR ACTIVIT?) OR CHORE?
S2	2090379	ACT? ? OR ACTION OR MOVEMENT? OR CHOREOGRAPH? OR BENDING? - OR MOTION? OR LIFTING? OR MOVING?
S3	2865986	STRENGTH? OR MUSCLE? OR MANPOWER? OR EFFORT? OR POWER? OR - WEIGHT?
S4	142	PHYSICAL() (ABILIT? OR DEMAND? OR REQUIREMENT?)
S5	131761	DATABASE? OR DATABANK? OR DATA() (BASE? OR BANK? OR FILE? OR MINE?) OR DATAMINE? OR DATAFILE? OR DB OR RDB OR OODB OR DBMS
S6	1022	S1 AND (S2 OR S3 OR S4) AND S5
S7	64	S6 AND (EMPLOYEE? OR WORKER? OR STAFF?)
S8	144	S6 AND IC=G06F-015?
S9	42	S7 AND IC=G06F?
S10	52405	S1(10N) (S2 OR S3 OR S4)

S11 39 S10 AND S8  
 S12 72 S9 OR S11  
 S13 43 S12 AND IC=G06F-015?  
 S14 43 IDPAT (sorted in duplicate/non-duplicate order)  
 S15 40 IDPAT (primary/non-duplicate records only)  
 S16 105354 HR OR HUMAN()RESOURCES OR PERSONNEL? OR STAFFING?  
 S17 1 S16 AND S15

File 344:Chinese Patents Abs Aug 1985-2003/Jan

(c) 2003 European Patent Office

File 347:JAPIO Oct 1976-2002/Nov(Updated 030306)

(c) 2003 JPO & JAPIO

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200318

(c) 2003 Thomson Derwent

?ds

Set	Items	Description
S1	738472	WORK? ? OR TASK? OR JOB OR JOBS OR PHYSICAL() (ACTION? OR ACTIVIT?) OR CHORE?
S2	2090379	ACT? ? OR ACTION OR MOVEMENT? OR CHOREOGRAPH? OR BENDING? - OR MOTION? OR LIFTING? OR MOVING?
S3	2865986	STRENGTH? OR MUSCLE? OR MANPOWER? OR EFFORT? OR POWER? OR - WEIGHT?
S4	142	PHYSICAL() (ABILIT? OR DEMAND? OR REQUIREMENT?)
S5	131761	DATABASE? OR DATABANK? OR DATA() (BASE? OR BANK? OR FILE? OR MINE?) OR DATAMINE? OR DATAFILE? OR DB OR RDB OR OODB OR DBMS
S6	1022	S1 AND (S2 OR S3 OR S4) AND S5
S7	64	S6 AND (EMPLOYEE? OR WORKER? OR STAFF?)
S8	144	S6 AND IC=G06F-015?
S9	42	S7 AND IC=G06F?
S10	52405	S1(10N) (S2 OR S3 OR S4)
S11	39	S10 AND S8
S12	72	S9 OR S11
S13	43	S12 AND IC=G06F-015?
S14	43	IDPAT (sorted in duplicate/non-duplicate order)
S15	40	IDPAT (primary/non-duplicate records only)
S16	105354	HR OR HUMAN()RESOURCES OR PERSONNEL? OR STAFFING?
S17	1	S16 AND S15

?s s12 and s16

72 S12

105354 S16

S18 3 S12 AND S16

?s s6 and s16

1022 S6

105354 S16

S19 18 S6 AND S16

?s s19 not s13

18 S19

43 S13

S20 17 S19 NOT S13

?idpat

New file order will be: 344,350

Duplicates will be matched against primary file: 344

Press ENTER to accept or enter preferred primary file number.

?

New file order: 344, 350, 347

...completed examining records

S21 17 IDPAT (sorted in duplicate/non-duplicate order)

Summary:

S21 has 17 records ordered as follows:

17 patent records without duplicates (records 1-17)

- |                     |  |
|---------------------|--|
| 1. Show Group Table | 4. TYPE or PRINT Selected Records                  |
| 2. Show Summary     | 5. TYPE or PRINT Primary and Non-Duplicate Records |
| 3. Quit             |  |

Enter an option (e.g., 4).

?5

S22 17 IDPAT (primary/non-duplicate records only)

Press ENTER to TYPE records or enter PR to PRINT records via e-mail, fax, or postal delivery.

?

Enter format number or two-character display tag(s) (e.g., TI, PA) or enter Q to return to command mode.

?5

Enter record(s) to be TYPed (e.g., ALL or a range to receive a desired number of Primary/Non-duplicate records, e.g., 1-10), or enter Q to return to command mode.

?all

22/5/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014955638 \*\*Image available\*\*

WPI Acc No: 2003-016152/200301

Related WPI Acc No: 2002-351054; 2002-750130

XRPX Acc No: N03-012075

**Handheld electronic security apparatus for obtaining and utilizing maintenance data, has computer that compares identifying data of individual with identifying data stored in storage medium**

Patent Assignee: THOMPSON R L (THOM-I)

Inventor: THOMPSON R L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020110263	A1	20020815	US 2000231913	A	20000911	200301 B
			US 2001951021	A	20010912	
			US 2001965136	A	20010927	

Priority Applications (No Type Date): US 2000231913 P 20000911; US

2001951021 A 20010912; US 2001965136 A 20010927

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20020110263 A1 23 G06K-009/00 Provisional application US 2000231913

CIP of application US 2001951021

Abstract (Basic): US 20020110263 A1

NOVELTY - The handheld electronic security apparatus (20) has a computer disposed within a casing, and a storage medium that communicates with the computer. The storage medium has a **database** of identifying data of several individuals. The computer compares the identifying data of an individual with the identifying data stored in the storage medium.

USE - For obtaining and utilizing maintenance data.

ADVANTAGE - Can be used by maintenance **personnel** to capture images of equipment or objects they are inspecting or maintaining as well as enter notes or detailed descriptions in writing or voice recording as adjuncts to the captured images. Wearable, battery-**powered**, voice or touch activated. Uses storage media preformatted with desired maintenance programs that could contain parts list, training material, instructions for use and instructions on how to accomplish a **job** at hand, check list, operation manuals, and other materials. Enables user to keep and maintain wear history on mechanical objects e.g. engine components, thus enabling user to make judgements on which part might fail prior to part actually failing. Uses any suitable camera to take pictures of equipment or objects. Ensures that digital maintenance file is mounted to system to be maintained, such that maintenance file always stays with system and can be accessed by maintenance **personnel** at any time.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic representation of a maintenance system using the handheld electronic security apparatus.

Handheld electronic security apparatus (20)

pp; 23 DwgNo 1/10  
Title Terms: ELECTRONIC; SECURE; APPARATUS; OBTAIN; UTILISE; MAINTAIN; DATA  
; COMPUTER; COMPARE; IDENTIFY; DATA; INDIVIDUAL; IDENTIFY; DATA; STORAGE;  
STORAGE; MEDIUM  
Derwent Class: T01; T04  
International Patent Class (Main): G06K-009/00  
File Segment: EPI

22/5/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014928769 \*\*Image available\*\*  
WPI Acc No: 2002-749478/200281  
Related WPI Acc No: 2002-557766  
XRPX Acc No: N02-590175

**Faulty equipment identification method used in on or off-road vehicles and ships, involves keeping work order for equipment open until comment data indicating possible root cause for malfunction, is logged into work order**

Patent Assignee: VROMAN D S (VROM-I)  
Inventor: VROMAN D S  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020087578	A1	20020704	US 2000258747	A	20001229	200281 B
			US 2001839272	A	20010420	

Priority Applications (No Type Date): US 2000258747 P 20001229; US  
2001839272 A 20010420

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020087578	A1	26	G21C-017/00	Provisional application	US 2000258747

Abstract (Basic): US 20020087578 A1

NOVELTY - A configuration management **database** (54) comprising detailed equipment data automatically issue a report identifying repeatedly malfunctioning equipment, when the number of equipment malfunction resulting in service activities exceeds equipment malfunctioning threshold. A **work** order for the equipment remains open until service **personnel** logs comment data indicating possible root cause for the malfunction into the **work** order.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for faulty equipment identification system.

USE - Used in on-road or off-road vehicles, ships, airplanes, rail road locomotives, trucks, industrial equipment, consumer appliance equipment, medical imaging equipment, equipment used in industrial process, telecommunication, aerospace application, **power** generation, etc., for identifying equipment repeatedly undergoing faults.

ADVANTAGE - The repeatedly malfunctioning equipment and the root cause for the occurrence of repeatedly malfunctioning equipment can be efficiently identified.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the faulty equipment identification system.

Configuration management **database** (54)

pp; 26 DwgNo 2/13

Title Terms: FAULT; EQUIPMENT; IDENTIFY; METHOD; ROAD; VEHICLE; SHIP; KEEP;  
**WORK** ; ORDER; EQUIPMENT; OPEN; COMMENTARY; DATA; INDICATE; POSSIBILITY;  
ROOT; CAUSE; MALFUNCTION; LOG; **WORK** ; ORDER  
Derwent Class: S05; T01; T05; W06; X22; X23  
International Patent Class (Main): G21C-017/00  
International Patent Class (Additional): G06F-007/00; G06F-011/30;  
G06F-015/00; G06F-017/00  
File Segment: EPI

22/5/3 (Item 3 from file: 350)



DIALOG(R)File 350:Derwent WPIX  
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014613374 \*\*Image available\*\*

WPI Acc No: 2002-434078/200246

Related WPI Acc No: 2002-535596

XRPX Acc No: N02-341604

**Personnel assisting system for sorting mails and parcels, searches record that matches addressee information, based on which mail sorting is performed by operator**

Patent Assignee: REED L P (REED-I)

Inventor: REED L P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020036160	A1	20020328	US 2000518257	A	20000303	200246 B
			US 2001927467	A	20010813	

Priority Applications (No Type Date): US 2000518257 A 20000303; US 2001927467 A 20010813

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20020036160 A1 20 B07C-005/00 Cont of application US 2000518257

Abstract (Basic): US 20020036160 A1

NOVELTY - A microphone (6) translates a verbal statement from an operator into speech signals. A speech recognition unit (10) recognizes addressee information corresponding to mail, based on the speech signals. A processor (15) searches a **database** (20) for selecting a record matching the recognized addressee information. The operator sorts the mail item based on destination information in the record.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for mail sorting method.

USE - **Personnel** assisting system for sorting mails, letters and parcels in post office, government/corporate mail room and airport.

ADVANTAGE - Maximizes the processing **power**, memory capacity and functionality. Allows the operator to simultaneously access multiple **databases** at a time. By eliminating the need for reading information, mobility is improved during sorting. Enables performing number of system optical functions without returning to the **work** site.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the **personnel** assistance system.

Microphone (6)

Speech recognition unit (10)

Processor (15)

**Database** (20)

pp; 20 DwgNo 1/11

Title Terms: **PERSONNEL**; ASSIST; SYSTEM; SORT; MAIL; PARCEL; SEARCH; RECORD; MATCH; ADDRESS; INFORMATION; BASED; MAIL; SORT; PERFORMANCE; OPERATE

Derwent Class: P43; T01; T05; W04

International Patent Class (Main): B07C-005/00

International Patent Class (Additional): G06F-007/00

File Segment: EPI; EngPI

22/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014494776 \*\*Image available\*\*

WPI Acc No: 2002-315479/200235

Related WPI Acc No: 2001-663283; 2002-292129; 2002-339628; 2002-557766

XRPX Acc No: N02-246900

**Computerized method for guiding equipment service personnel while at an equipment work site, uses an input/output device at the work site linked to a database holding details for health assessment and servicing of a selected equipment**

Patent Assignee: GENERAL ELECTRIC CO (GENE ); MCQUOWN C M (MCQU-I);

SCHLABACH J E (SCHL-I); SMITH M D (SMIT-I)  
Inventor: MCQUOWN C M; SCHLABACH J E; SMITH M D; MCQUOWN C  
Number of Countries: 095 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200217118	A2	20020228	WO 2001US12984	A	20010420	200235 B
US 20020059269	A1	20020516	US 2000644421	A	20000823	200237
			US 2000258747	A	20001229	
			US 2001839328	A	20010420	
AU 200153750	A	20020304	AU 200153750	A	20010420	200247

Priority Applications (No Type Date): US 2000258747 P 20001229; US  
2000644421 A 20000823; US 2001839328 A 20010420

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200217118	A2	E	57 G06F-017/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS  
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL  
PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20020059269	A1	G06F-007/00	CIP of application US 2000644421
			Provisional application US 2000258747
AU 200153750	A	G06F-017/00	Based on patent WO 200217118

Abstract (Basic): WO 200217118 A2

NOVELTY - The guidance system uses a **database** (250), holding health assessment, servicing data, etc. for selected equipment. Service **personnel** communicate with the **database** (204) using input/output device (252) at the **work** site to select the equipment to be serviced (206) and access the **database** (208) to interface with troubleshooting wizard (251). Data is collected (210) and processed (212) to determine whether the equipment needs servicing and to what extent.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a computerized system for guiding equipment service **personnel** while at an equipment site.

USE - For guiding servicing or part replacement for generally complex equipment such as mobile assets including on-road or off-road vehicles, ships, aeroplanes, railroad locomotives, trucks and other forms of complex equipment including industrial equipment, consumer appliance equipment, medical imaging equipment, equipment used in industrial processes, telecommunications, aerospace applications, **power** generation, etc..

ADVANTAGE - By providing access to the **database** via a communication network, the system can provide service **personnel** with detailed information concerning parts content or upgrade status of any selected equipment, as well as providing access to guidance through **tasks** for troubleshooting the health of the equipment to determine the nature and extent of service needed.

DESCRIPTION OF DRAWING(S) - Two figures show a process flow chart illustrating operational details of a method for guiding service **personnel** and a block diagram of components of a system for guiding service **personnel**.

pp; 57 DwgNo 9, 10/11

Title Terms: COMPUTER; METHOD; GUIDE; EQUIPMENT; SERVICE; **PERSONNEL** ;  
EQUIPMENT; **WORK** ; SITE; INPUT; OUTPUT; DEVICE; **WORK** ; SITE; LINK;  
**DATABASE** ; HOLD; DETAIL; HEALTH; ASSESS; SERVICE; SELECT; EQUIPMENT

Derwent Class: T01

International Patent Class (Main): G06F-007/00; G06F-017/00

File Segment: EPI

22/5/5 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014317871

WPI Acc No: 2002-138573/200218  
Related WPI Acc No: 2001-528513  
XRAM Acc No: C02-042619

**Removal of solid particulate product, e.g. polyolefins, with gas from fluidized bed involves performing simultaneously product movement steps and equalization steps**

Patent Assignee: HARTLEY I J (HART-I); LEAL G G (LEAL-I); PARRISH J R (PARR-I); UNION CARBIDE CHEM & PLASTICS TECHNOLOGY (UNIC )

Inventor: HARTLEY I J; LEAL G G; PARRISH J R

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010034422	A1	20011025	US 99287371	A	19990407	200218 B
			US 2001888169	A	20010622	
US 6498220	B2	20021224	US 99287371	A	19990407	200303
			US 2001888169	A	20010622	

Priority Applications (No Type Date): US 99287371 A 19990407; US 2001888169 A 20010622

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010034422	A1		17	C08F-002/00	Div ex application US 99287371
					Div ex patent US 6255411
US 6498220	B2			C08F-002/34	Div ex application US 99287371
					Div ex patent US 6255411

Abstract (Basic): US 20010034422 A

NOVELTY - A solid particulate product with gas is removed from a fluidized bed reactor by performing simultaneously product **movement** steps and equalization steps.

DETAILED DESCRIPTION - Removal of solid particulate product from a fluidized bed reactor, together with gas from the reactor, through two parallel series of tanks comprising two first product discharge tanks and two blow tanks, involves (1) **moving** the solid particulate product with the gas into the first product discharge tank; (2) while performing the step (1), **moving** solid particulate product from the second product discharge tank to the second blow tank; (3) while performing steps (1-2), **moving** product from the first blow tank to a further destination having a pressure lower than the first blow tank, (4) after performing steps (1-3) passing gas from the first product discharge tank to the second product discharge tank and (5) passing gas from the second blow tank to the first blow tank, each step (1-5) being isolated by closed valves from any of the reactor, the product discharge tanks, and the blow tanks not necessary for the performance of the steps. An INDEPENDENT CLAIM is also included for a method of controlling the product discharge cycle of a fluid bed olefin polymerization reactor comprising compiling a **data base** on production rates, product types, and product removal parameters, and programming a controller to optimize the conservation of gas while discharging product at a desired rate during the product discharge cycle. The product removal parameters include resistance to gas flow between vessels for conserving gas.

USE - For removing solid particulate product, e.g. polyolefins from a fluidized bed reactor.

ADVANTAGE - The invention can ensure a high level of discharge tank system performance and at the same time free operating **personnel** for other **tasks**. The invention enhances the conservation of gas in the product discharge process.

Dwg.0/8

Title Terms: REMOVE; SOLID; PARTICLE; PRODUCT; GAS; FLUIDISE; BED; PERFORMANCE; SIMULTANEOUS; PRODUCT; **MOVEMENT**; STEP; STEP

Derwent Class: A17

International Patent Class (Main): C08F-002/00; C08F-002/34

File Segment: CPI

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014185481 \*\*Image available\*\*

WPI Acc No: 2002-006178/200201

XRPX Acc No: N02-005268

**Manpower information providing server for enterprise, provides personnel information selectively in response to collection demand, based on stored discriminative information and work experience information**

Patent Assignee: FUJI XEROX CO LTD (XERF )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001282938	A	20011012	JP 200089674	A	20000328	200201 B

Priority Applications (No Type Date): JP 200089674 A 20000328

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001282938	A		6	G06F-017/60	

JP 2001282938 A 6 G06F-017/60

Abstract (Basic): JP 2001282938 A

NOVELTY - The server (10) provides **personnel** information selectively in response to a collection demand, based on the discriminative information and **work** experience information stored in a **database** (20).

USE - For enterprise for suggesting **personnel** .

ADVANTAGE - Secrecy of the content of a **job** is maintained, since the **personnel** information without **work** experience information is provided by considering the competition relationship.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the network system. (Drawing includes non-English language text).

Server (10)

**Database** (20)

pp; 6 DwgNo 1/3

Title Terms: MAN; INFORMATION; SERVE; **PERSONNEL** ; INFORMATION; SELECT; RESPOND; COLLECT; DEMAND; BASED; STORAGE; DISCRIMINATE; INFORMATION; **WORK** ; EXPERIENCE; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

22/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013491962 \*\*Image available\*\*

WPI Acc No: 2000-663905/200064

XRPX Acc No: N00-491928

**Real time computer monitoring method for manufacturing processes e.g. pick and place of components onto circuit board by indicating when count of defect occurrences exceeds database stored threshold**

Patent Assignee: MCMS INC (MCMS-N)

Inventor: STINE S G; TIEGS M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6115643	A	20000905	US 9818076	A	19980203	200064 B

Priority Applications (No Type Date): US 9818076 A 19980203

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6115643	A		16	G06F-019/00	

US 6115643 A 16 G06F-019/00

Abstract (Basic): US 6115643 A

NOVELTY - A track application (208) provides a user interface and receives input from the production operator at the **work** centers relating to defects. It then transfers defect information to the

**database** (204) where it is maintained .When defect thresholds have been exceeded, a pager is initiated to alert technicians and sends e-mails using Microsoft exchange (210) to appropriate individuals as defined by the alert applications (202).

USE - For manufacturing processes e.g. pick and place of components onto circuit board.

ADVANTAGE - The method identifies unacceptable levels of a manufacturing process on a real time basis, tracks defects to **work** centers, initiates contact with appropriate **personnel** for corrective **action** and maintains records of actions taken.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of components of the real time computer monitoring method.

Alert Application (202)

**Database** (204)

Track Application (208)

Microsoft Exchange (210)

pp; 16 DwgNo 2/11

Title Terms: REAL; TIME; COMPUTER; MONITOR; METHOD; MANUFACTURE; PROCESS; PICK; PLACE; COMPONENT; CIRCUIT; BOARD; INDICATE; COUNT; DEFECT; OCCUR;

**DATABASE** ; STORAGE; THRESHOLD

Derwent Class: T01; W05

International Patent Class (Main): G06F-019/00

File Segment: EPI

22/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012397324 \*\*Image available\*\*

WPI Acc No: 1999-203431/199917

Related WPI Acc No: 1998-008217; 2002-138094; 2002-138100; 2002-328398;

2002-328455; 2002-338275

XRPX Acc No: N99-149755

**Player position determining and course management system for golf course**

Patent Assignee: LEADING EDGE TECHNOLOGIES INC (LEAD-N)

Inventor: BINGEMAN K; COFFEE J; LECKER D L; PHAM T; RUDOW R W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5878369	A	19990302	US 95423295	A	19950418	199917 B
			US 97856599	A	19970515	

Priority Applications (No Type Date): US 95423295 A 19950418; US 97856599 A 19970515

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5878369	A		G01S-005/14	Div ex application US 95423295 Div ex patent US 5689431

Abstract (Basic): US 5878369 A

NOVELTY - A timer is provided in a stationary DGPS receiver (21) to output a pulse per second output signal to inform the user that the measurement of the user's transceiver position is valid.

DETAILED DESCRIPTION - A golf cart (16) has a cart based unit (15) equipped with a DGPS RF transceiver (22) operating in conjunction with a land based stationary DGPS receiver (21) and with GPS satellites (14) transmitting GPS satellite signals. The DGPS RF transceiver has a CPV card (18) including a data processor for executing various **tasks**, classified as fast execution **tasks** and slowest execution **tasks**, based on the **task** completion priority schedule. Real time clock indicates the priority of **tasks** executed by the data processor. The data transmitted to and from all the DGPS RF transceivers are digitally modulated by adopting phase shift keying technique or frequency shift keying technique. INDEPENDENT CLAIMS are also included for ball position determining and course management system.

USE - For golf course.

ADVANTAGE - Improves measurement accuracy of user's transceiver position. Enables to precisely identify, locate and monitor **movement**

of every golf cart. Enables to pin point location and analyze cause of bottle necks and improves play speed and player's enjoyment. Compiles extensive computerized **data base** to manage and designate staff **personnel** with accurate statistical insight into course operations. Enables to communicate with all golf carts conveniently.

DESCRIPTION OF DRAWING(S) - The figure shows the simplified diagram of a PROLINK system used in a golf course and the block diagram of the principal electronic components of the golf cart portion of the PROLINK system.

Cart based unit (15)  
Golf cart (16)  
CPU card (18)  
Stationary DGPS receiver (21)  
DGPS RF transceiver (22)  
pp; 0 DwgNo 1A, B/21

Title Terms: PLAY; POSITION; DETERMINE; COURSE; MANAGEMENT; SYSTEM; GOLF; COURSE

Derwent Class: T01; W04; W06

International Patent Class (Main): G01S-005/14

File Segment: EPI

22/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012090073 \*\*Image available\*\*

WPI Acc No: 1998-506984/199843

XRFX Acc No: N98-395184

**Data-logging control system e.g. for plant maintenance and lubrication servicing - controls operations automatically for ensuring that specific tasks are identified by technician personnel and system controller**

Patent Assignee: TOTAL PLANT CONTROL AUSTRALASIA PTY LTD (TOTA-N)

Inventor: DEBY K

Number of Countries: 082 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9840865	A1	19980917	WO 98AU153	A	19980312	199843 B
AU 9862850	A	19980929	AU 9862850	A	19980312	199906
EP 910846	A1	19990428	EP 98906753	A	19980312	199921
			WO 98AU153	A	19980312	
NZ 333290	A	20010330	NZ 333290	A	19980312	200121
			WO 98AU153	A	19980312	
US 20020022899	A1	20020221	WO 98AU153	A	19980312	200221
			US 98180736	A	19981112	
			US 2001963276	A	20010926	

Priority Applications (No Type Date): AU 975623 A 19970312

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9840865 A1 E 20 G09B-029/00

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9862850 A G09B-029/00 Based on patent WO 9840865

EP 910846 A1 E G09B-029/00 Based on patent WO 9840865

Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC NL PT RO SE SI

NZ 333290 A G06K-019/067 Based on patent WO 9840865

US 20020022899 A1 G06F-019/00 Cont of application WO 98AU153

Cont of application US 98180736

Abstract (Basic): WO 9840865 A

The inventive computerised system monitors/maintains various operations including plant maintenance, using a **database** of the required **work - tasks**. These are down-loaded on to a data-logger with

LCD screen, in any selected format e.g. for a particular staff technician. The logger has facilities for entering data when a **task** has been carried out satisfactorily.

The logger records may be up-loaded on to the computer **database** to up-date the records thereon. The system enables identification of **tasks** not executed for whatever reason, since a signal may be fed back from a machine being serviced.

USE - For automatically controlling execution of plant maintenance/lubrication **tasks** etc.

ADVANTAGE - By using computerised, battery- **powered** data-logging system, protected against environmental damage during transportation, and keyboard entry of **task** completion data, with a counter for displaying **work tasks** to be carried out, the disadvantage of having numerous pieces of paper/forms etc. in circulation is avoided.

Dwg.1/1

Title Terms: DATA; LOG; CONTROL; SYSTEM; PLANT; MAINTAIN; LUBRICATE;  
SERVICE; CONTROL; OPERATE; AUTOMATIC; ENSURE; SPECIFIC; **TASK** ; IDENTIFY;  
TECHNICIAN; **PERSONNEL** ; SYSTEM; CONTROL  
Derwent Class: P85; T01; T06; X25  
International Patent Class (Main): G06F-019/00; G06K-019/067; G09B-029/00  
International Patent Class (Additional): G06F-007/00; G06F-017/00;  
G06F-017/40; G07C-001/10; G07C-003/00; H04B-017/00  
File Segment: EPI; EngPI

22/5/10 (Item 10 from file: 347)

DIALOG(R)File 347:JAPIO

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07435953 \*\*Image available\*\*

**MANPOWER** DISPATCHING SYSTEM AND **MANPOWER** DISPATCHING METHOD, AND  
COMPUTER PROGRAM AND STORAGE MEDIUM THEREFOR

PUB. NO.: 2002-304463 [JP 2002304463 A]  
PUBLISHED: October 18, 2002 (20021018)  
INVENTOR(s): KAMIYAMA KAZUMITSU  
APPLICANT(s): KAMIYAMA KAZUMITSU  
APPL. NO.: 2001-140749 [JP 20011140749]  
FILED: April 03, 2001 (20010403)  
INTL CLASS: G06F-017/60; G06F-017/30

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a **manpower** dispatching system and **manpower** dispatching method allowing a dispatching side to precisely grasp the **job** performances of registered **human resources** , select a human resource having the **job** performance sufficiently satisfying the demand of a dispatch receiving side, and foster **human resources** having **job** performances to be desired by the dispatch receiving side, and a computer program and storage medium therefor.

SOLUTION: This system comprises a **manpower** introduction server 7, a **manpower** dispatching server 5, and a **job** hunting member group J mutually accessible through a network 3. The **manpower** introduction server 7 side comprises a **job** hunting member **database** 7a and a **job** hunting data disclosing means, and the **manpower** dispatching server 5 side comprises a **job** hunting data retrieval means, a dispatch designation data transmitting means, and a dispatch consent sounding-out means. The **manpower** introduction server 7 side further comprises a skill-up information transmitting means for transmitting skill-up information (including **manpower** fostering information necessary to foster **human resources** met to **job** offering member side).

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22/5/11 (Item 11 from file: 347)

DIALOG(R)File 347:JAPIO

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07334567      \*\*Image available\*\*  
**HUMAN    RESOURCES    MANAGEMENT SERVICE SYSTEM**

PUB. NO.:        2002-203056    [JP 2002203056    A]  
PUBLISHED:       July 19, 2002 (20020719)  
INVENTOR(s):     FUKUI MASAHIRO  
APPLICANT(s):    ID GATE CO LTD  
APPL. NO.:       2000-403187    [JP 2000403187]  
FILED:           December 28, 2000 (20001228)  
INTL CLASS:      G06F-017/60

**ABSTRACT**

**PROBLEM TO BE SOLVED:** To provide a **human resources** management service system that performs, without installing specific facilities in a **manpower** supply company that uses this system, **human resources** management necessary for the business of the **manpower** supply company, and, particularly, can lessen the burden associated with the management **job** in the **manpower** supply company.

**SOLUTION:** The **human resources** management service system 100 is composed of terminal devices 3a, 3b and 3c of the **manpower** supply company and a **human resources** management center 2 that are connected through the Internet 4. If the issue information on the issue of dispatching a **job** seeker, the dispatch destination enterprise information on the enterprise of the dispatch destination, the track record that the **job** seeker has been dispatched, and the like are inputted from the terminal devices 3a, 3b and 3c, each piece of the inputted information is stored in a registered person **DB** 26 or a record **DB** 27 in the **human resources** management center 2. These pieces of the information can be called up from the terminal devices 3a, 3b and 3c when needed.

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**22/5/12        (Item 12 from file: 347)**  
DIALOG(R)File 347:JAPIO  
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07281465      \*\*Image available\*\*  
**PERSONNEL    DISPOSING PROCESSING METHOD AND SYSTEM THEREOF, AND PROFIT AND LOSS EVALUATION PROCESSING METHOD AND SYSTEM THEREOF**

PUB. NO.:        2002-149931    [JP 2002149931    A]  
PUBLISHED:       May 24, 2002 (20020524)  
INVENTOR(s):     YAMAMOTO RYOICHI  
APPLICANT(s):    TOKIO MARINE & FIRE INSURANCE CO LTD  
APPL. NO.:       2000-338463    [JP 2000338463]  
FILED:           November 07, 2000 (20001107)  
INTL CLASS:      G06F-017/60

**ABSTRACT**

**PROBLEM TO BE SOLVED:** To make **personnel** disposing of workers proper by taking difference of ability into account.

**SOLUTION:** A **personnel** disposing processing system includes a means 5 for predicting a **job** amount based on past actual record data and storing predicted **job** amount data in a storage device, a means 7 for calculating processing amount **data** based on at least working ability and **work** hours including presence and absence of workers and storing the data into a storage device and a means 9 for calculating and displaying data related to excess and insufficient conditions of labor **power** using the predicted **job** amount data and the processing amount data. Moreover, it may include means 13, 15 for receiving an adjusting method for excess and insufficient conditions of labor **power** and established input of amount and generating and displaying data related to the adjustment of **work** hours of individual worker in accordance with the adjusting method and the established input of the amount. Since the processing amount data is calculated based on worker's processing ability and vacation plan, it is possible to grasp



proper processing amount even if the worker having various abilities holds it.

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22/5/13 (Item 13 from file: 347)  
DIALOG(R) File 347:JAPIO  
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05813680 \*\*Image available\*\*  
RADIATION CONTROL SYSTEM

PUB. NO.: 10-096780 [JP 10096780 A]  
PUBLISHED: April 14, 1998 (19980414)  
INVENTOR(s): KAWASHIMA TSUNENORI  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 08-251235 [JP 96251235]  
FILED: September 24, 1996 (19960924)  
INTL CLASS: [6] G01T-001/00  
JAPIO CLASS: 46.1 (INSTRUMENTATION -- Measurement); 23.1 (ATOMIC POWER  
-- General  
JAPIO KEYWORD:R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers)

#### ABSTRACT

PROBLEM TO BE SOLVED: To facilitate access control to a control area and gathering control of a dosage equivalent result by making **work personnel** carry a data card, arranging a gate control device in a boundary of the control area, and performing data collecting control by a management computer.

SOLUTION: A management computer 8 has data such as access permitting condition of **work personnel** and a **database** necessary for radiation control. A gate control device 11 for access control, a gate control device 12a to enter a radiation control area and a gate control device 12b to retreat from the radiation control area, are arranged in a boundary. Data such as an individual dosage equivalent and **work** time is read out by an IC card 10 through an interface 9 for a data card, and totalizing management by the **database** is performed. A control area permitting condition is also transferred into the IC card 10 from an individual **database**, and when passing through respective gates, access control of an operator carrying the IC card 10 is performed.

22/5/14 (Item 14 from file: 347)  
DIALOG(R) File 347:JAPIO  
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05606993 \*\*Image available\*\*  
ADMINISTRATION SYSTEM OF WATERWORKS DISTRIBUTION WATER SYSTEM

PUB. NO.: 09-221793 [JP 9221793 A]  
PUBLISHED: August 26, 1997 (19970826)  
INVENTOR(s): WATANABE TADAO  
TATE JINPEI  
NOBUTOMO YOSHIHIRO  
SUZUKI MARIKO  
UEKI SHIGEYUKI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 08-028942 [JP 9628942]  
FILED: February 16, 1996 (19960216)  
INTL CLASS: [6] E03B-001/00  
JAPIO CLASS: 28.1 (SANITATION -- Sanitary Equipment); 22.3 (MACHINERY --  
Control & Regulation)

#### ABSTRACT

PROBLEM TO BE SOLVED: To contrive to draft an operation plan of water for emergency by determining the change of a distribution water route and required **manpower** and computing the demand of water in a water supply suspension area and controlling a **data base**, such as monitor control of a plant and a distribution water piping route or stationing positions of water supply cars.

SOLUTION: For example, when an accident breaks out about a water conveyance pipe, an operation plan is drafted at an operation plan drafting unit 106 and incorporated from a monitor control system **DB** 119 at a current status intake unit 107. Then, a water feed pipe is set to the opposite direction at an operation improvement unit 108 where the amount of water storage in a service reservoir and piping route flow rate change and transfer are executed by a model execution unit 110. Then, the names of changed facilities and the contents of **work** are input, thereby determining time lag for the changed facilities from the sum of working time of **personnel**

**DB** 121 and worker stationing time and computing actual time in the construction state. More specifically, **personnel** stationing start time is set based on the consideration given to time lag for the change of the construction state by using the **personnel** **DB** 121, thereby changing the pipeline flow rate. The operation plan is adopted at the operation plan drafting unit 106. The water supply cars are stationed to demand points in water supply suspension areas where drinking water and utilities water are supplied.

22/5/15 (Item 15 from file: 347)

DIALOG(R) File 347:JAPIO

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04723450 \*\*Image available\*\*

**WORK** -CONTROLLING DEVICE UNDER RADIATION

PUB. NO.: 06-194450 [JP 6194450 A]

PUBLISHED: July 15, 1994 (19940715)

INVENTOR(s): KIMURA KIICHI  
MURAKAMI TOICHI

APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 04-346912 [JP 92346912]

FILED: December 25, 1992 (19921225)

INTL CLASS: [5] G01T-001/00; G21C-017/00

JAPIO CLASS: 46.1 (INSTRUMENTATION -- Measurement); 23.1 (ATOMIC **POWER**  
-- General); 46.2 (INSTRUMENTATION -- Testing)

#### ABSTRACT

PURPOSE: To provide a device for controlling **work** under radiation which can proceed with a smooth operation and at the same time can reduce the radiation dose equivalent **weight** of a construction-controlling **personnel** by remote- controlling a plurality of **works**.

CONSTITUTION: An ITV camera device 1 for monitoring **work** condition, a **work** condition input device 3, a call device 5, a radiation monitor 2 for monitoring the radiation dose rate of **work** field environment, and a **work** instruction output device 4 for receiving **work** instructions from a central control device side are installed at the **work** field side. A **work** procedure summary **database** 14 where data such as **work** procedure summary are recorded, a **work** information processor 13 for processing to output the information to the **work** instruction output device, an image information processor 11 for processing video image from the ITV camera device 1, a radiation dose information processor 12 for processing the radiation dose information from the radiation monitor 2, a mixed information processor 17 for storing the information and performing its output processing, a display 15, and a printer 16 are installed at the side of a central control device 10 for controlling a plurality of **work** fields.

22/5/16 (Item 16 from file: 347)

DIALOG(R)File 347:JAPIO  
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04604326      \*\*Image available\*\*  
HOST DEVICE FOR PERSONAL COMPUTER COMMUNICATION

PUB. NO.:        06-276226 [JP 6276226 A]  
PUBLISHED:      September 30, 1994 (19940930)  
INVENTOR(s):    YAGI KOICHI  
                  MITA KENJI  
APPLICANT(s):   KAO CORP [000091] (A Japanese Company or Corporation), JP  
                  (Japan)  
APPL. NO.:      05-064181 [JP 9364181]  
FILED:          March 23, 1993 (19930323)  
INTL CLASS:     [5] H04L-012/54; H04L-012/58; G06F-013/00  
JAPIO CLASS:    44.3 (COMMUNICATION -- Telegraphy); 45.2 (INFORMATION  
                  PROCESSING -- Memory Units)  
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &  
                  Microprocessors)  
JOURNAL:        Section: E, Section No. 1651, Vol. 18, No. 687, Pg. 105,  
                  December 26, 1994 (19941226)

#### ABSTRACT

PURPOSE: To automatically delete a file in which data whose term runs out are stored in the **data file** of a host device for personal computer communication.

CONSTITUTION: At the time of data registration from a terminal equipment 2, the term of validity of the data is also registered. Then, the file whose term runs out is detected and automatically deleted by a delete processing means 18 activated synchronously with the **power** source applying timing of a host device 1 for personal computer communication or the present date updating timing of a calendar means. Also, in the file whose term of validity is not registered, a fixed period is added to the present date, and registered as a default value. Thus, a **personnel** or **work** required for file management can be unnecessitated, and the valid utilization of a storage device can be attained. Also, the delete of the file can be prevented from being forgotten by automatically deleting the file. Moreover, an access to the information whose term runs out can be prevented from being erroneously performed by a user.

22/5/17        (Item 17 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03429819      \*\*Image available\*\*  
SUPPORTING APPARATUS FOR EQUIPMENT MAINTENANCE **WORK**

PUB. NO.:        03-092719 [JP 3092719 A]  
PUBLISHED:      April 17, 1991 (19910417)  
INVENTOR(s):    SHIMIZU SHUNICHI  
                  MORIOKA TOSHIHIKO  
APPLICANT(s):   TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
                  (Japan)  
APPL. NO.:      01-228412 [JP 89228412]  
FILED:          September 05, 1989 (19890905)  
INTL CLASS:     [5] G01D-021/00; G21C-017/00  
JAPIO CLASS:    46.1 (INSTRUMENTATION -- Measurement); 23.1 (ATOMIC **POWER**  
                  -- General); 46.2 (INSTRUMENTATION -- Testing)  
JAPIO KEYWORD: R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers)  
JOURNAL:        Section: P, Section No. 1226, Vol. 15, No. 274, Pg. 40, July  
                  11, 1991 (19910711)

#### ABSTRACT

PURPOSE: To make maintenance **work** efficient when maintenance **works** are planned, methods are confirmed and maintenance procedures are trained by providing the **moving** -image/movie information such as actual working

scenes for every working items in method manuals and procedure manuals, arranging the results, knowledges and the like in the past which are liable to be mistaken by maintenance **personnel**, and providing the results.

CONSTITUTION: An equipment-maintenance- **work** supporting apparatus 1 is composed of a maintenance- **work database** 2, a maintenance- **work moving** -image/ movie **database** 3, a maintenance- **work** -information control part 4, an image- information control part 5 and an inference processing part 6. The working information obtained from the apparatus is provided for users 7 employing maintenance **personnel** 1 and a designers 2. When the maintenance **work** is planned, the adequate maintenance information required for the preparation is provided. The dynamic images, projected images and the like are used together, and the sensible education in place of actual training can be performed simply at any time. The function for judging and evaluating the working proccesures is provided. The skills of the maintenance personal can be enhanced, and reliability is improved.

Set	Items	Description
S1	24037	WORK? ? OR TASK? OR JOB OR JOBS OR PHYSICAL() (ACTION? OR LABOR? OR ACTIVIT?) OR CHORE? OR MANUAL() LABOR?
S2	7572	ACT? ? OR ACTION OR MOVEMENT? OR CHOREOGRAPH? OR BENDING? - OR MOTION? OR LIFTING? OR MOVING?
S3	12303	STRENGTH? OR MUSCLE? OR MANPOWER? OR EFFORT? OR FREQUENC? - OR WEIGHT? OR SPEED?
S4	176	TALENT? OR PHYSICAL() (ABILIT? OR DEMAND? OR REQUIREMENT?)
S5	18581	DATABASE? OR DATABANK? OR DATA() (BASE? OR BANK? OR FILE? OR MINE?) OR DATAMINE? OR DATAFILE? OR DB OR RDB OR OODB OR DBMS
S6	8952	EMPLOYEE? OR WORKER? OR STAFF? OR HR OR HUMAN() RESOURCES OR PERSONNEL?
S7	0	S1(S) S2(S) S3(S) S4(S) S5
S8	30	S1(5N) (S2 OR S3 OR S4) (5N) S5
S9	1	S8(S) S6
S10	1	S7 OR S9
S11	0	S1 AND S2 AND S3 AND S4 AND S5 AND S6
S12	2085	S1 AND S2
S13	9	S12 AND (S3 OR S4) AND S5 AND S6
S14	39	S8 OR S13
S15	34	S14 NOT PY>2000
S16	13	S1(3N) (S2 OR S3 OR S4) (3N) S5
S17	1	S8 AND S6
S18	23	S13 OR S9 OR S10 OR S16 OR S17
S19	20	S18 NOT PY>2000
S20	20	S19 NOT PD>20000602

File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Feb  
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*Product  
Software  
Files*

20/3,K/1

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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02610305 DOCUMENT TYPE: Company

**Wavelink Corp (610305)**

11335 NE 122nd Way #115  
Kirkland, WA 98034 United States  
TELEPHONE: (425) 823-0111  
FAX: (425) 823-0143  
HOMEPAGE: <http://www.wavelink.com>  
EMAIL: [info@pin-corp.com](mailto:info@pin-corp.com)

RECORD TYPE: Directory

CONTACT: Sales Department

ORGANIZATION TYPE: Corporation  
STATUS: Active

NUMBER OF EMPLOYEES: 66  
SALES: NA

DATE FOUNDED: 1992  
PERSONNEL: Kennedy, A Eric, Sales Manager  
REVISION DATE: 20011030

...retail, transportation, and medical industries. PIN provides application programming interfaces (APIs) to more than 25 **databases** . Its tools **work** with various wireless (radio **frequency** ) handheld, wearable, and forklift-mounted terminals.

20/3,K/2

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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01768685 DOCUMENT TYPE: Product

**PRODUCT NAME: CompanionLink for ACT! & Palm (768685)**

CompanionLink Software Inc (667439)  
PO Box 1660  
Brookings, OR 97415 United States  
TELEPHONE: (541) 412-0400

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20021217

...can synchronize 1,000 records in approximately 40 seconds. The Express edition of the program **works** with one **ACT ! database** . CompanionLink for **ACT ! & Palm Professional** includes the Category Manager feature, which allows users to combine multiple ACT! and...

20/3,K/3

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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01651982 DOCUMENT TYPE: Product

**PRODUCT NAME: PATROL Database Knowledge Modules (651982)**

BMC Software Inc (467219)

2101 City West Blvd  
Houston, TX 77042-2827 United States  
TELEPHONE: (713) 918-8800

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20020924

...to help administrators anticipate outages before they occur. The system employs automated intelligence features to **speed** maintenance and troubleshooting **work**. Employing PATROL **Database** Knowledge Modules, administrators can ensure database availability and performance. The system can scale to meet...

20/3,K/4

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

01646415 DOCUMENT TYPE: Product

PRODUCT NAME: ET Enterprise 3.0 (646415)

Deltek Systems Inc (518794)  
13880 Dulles Corner Ln  
Herndon, VA 20171 United States  
TELEPHONE: (703) 734-8606

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 19980929

ET Enterprise 3.0 is an advanced **employee** timekeeping system that allows **employees** to record their time on their PC, creating a timesheet that is then electronically approved...

...automatically exported into the accounting, payroll or project management system. The timesheet screen looks and **acts** like a spreadsheet that provides an area where labor charges and hours are recorded. The...

...access to an Intranet and a Java-enabled Web browser. With online validation and approval, **employees** enter their time with little room for error, resulting in increased productivity and reduced costs. New features include an improved user interface including color blocking to define on-**work** days and company holidays as well as multiple, user- defined charge groups. The querying and...

...can create reports tailored to company or management information needs, such as Project Status or **Employee** Activity Reports. The product was developed using advanced, three-tier, client/server, GUI and relational **database** technologies and development tools. The result is a system that combines the power and user-friendliness of these technologies and project-centric functionality, optimizing the benefits of its **strength**, flexibility and project capabilities. Typical installation and administrator training takes a few days, while **employees** training can take as little as 15 minutes.

20/3,K/5

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

01561657 DOCUMENT TYPE: Product

**PRODUCT NAME:** SoftMove Moving System for Windows 3.5 (561657)

SoftMove Corp (602418)  
343 Washington St  
Brighton, MA 02135 United States  
TELEPHONE: (617) 779-9500

**RECORD TYPE:** Directory

**CONTACT:** Sales Department

**REVISION DATE:** 19991129

**PRODUCT NAME:** SoftMove Moving System for Windows 3.5...

SoftMove **Moving** System for Windows 3.5 is a modular package for **moving** and storage companies, and related market segments, designed for easy and comprehensive information sharing. The...

...automate all aspects of company operations, including scheduling and dispatch with visual displays for trucks, **manpower**, storage and records storage; sales automation and tariff calculation for telemarketing and on-site estimates with a mobile computer; customer service; billing with detailed data on each customer's **moving** and storage **jobs**; operating statistics on service areas, advertising effectiveness, **worker** productivity and damage rates; and over 200 forms, lists, reports and graphs are included. The system...

...systems while providing an easy- to-use and up-to-date interface. For the smallest **moving** companies, it provides a complete customer **database** solution that stores information on customers and **jobs**, prints forms, bills of lading and reports and includes graphs on advertising effectiveness. 15 add...

**DESCRIPTORS:** Accounting; Client/server; Customer Service; Estimating; Freight Handling; **Job** Costing; Route Management; Service Industries; Shipping; Transportation; Trucking

**20/3,K/6**

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

01110573 DOCUMENT TYPE: Product

**PRODUCT NAME:** QUICKSTART for MVS (110573)

BMC Software Inc (467219)  
2101 City West Blvd  
Houston, TX 77042-2827 United States  
TELEPHONE: (713) 918-8800

**RECORD TYPE:** Directory

**CONTACT:** Sales Department

**REVISION DATE:** 021231

BMC Software's QUICKSTART for MVS **works** with heterogeneous OS/390 batch applications that are running on DB2. Tapping QUICKSTART for MVS, IT **personnel** can identify multiple application failure points within complex computing environments. The system includes checkpoint modes...

...provide users with application restart and restore options. QUICKSTART for MVS also allows DB2 to **act** on **database** tables, supporting synchronization between **databases** ' working storage and sequential files. The system lets administrators define checkpoints for specific environments. In...



...QUICKSTART for MVS improves data availability and integrity. The product supports the control of checkpoint **frequencies** from outside applications, so users can make changes while **jobs** are running.

DESCRIPTORS: Data Center Operations; **Database** Utilities; **Job** Monitoring; Network Administration; Network Software

20/3,K/7

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00123017 DOCUMENT TYPE: Review

PRODUCT NAMES: OpenLane 5.1 (793957)

TITLE: OpenLane Provides New Avenues To Network Management  
AUTHOR: Woods, Darrin  
SOURCE: Network Computing, v11 n4 p20(2) Mar 6, 2000  
ISSN: 1046-4468  
HOMEPAGE: <http://www.NetworkComputing.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

REVISION DATE: 20020630

...are the World Wide Web server, the directory server, statistics collector, management services, and SQL **database**. The elements **work** together **effortlessly**, and its Web-based capabilities are impressive. One of OpenLane's new features is the...

20/3,K/8

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00112078 DOCUMENT TYPE: Review

PRODUCT NAMES: AppleShare IP 5.0 (653004); LANtastic Network Operating System 8.0 (000191); Microsoft BackOffice Small Business Server 4.0 (671746); NetWare for Small Business 4.11 (699314)

TITLE: Buyer's Guide: Server Software: Tired of Sneakerware?  
AUTHOR: Latimer, Joey  
SOURCE: Small Business Computing, v3 n9 p96(6) Sep 1998  
ISSN: 1529-5117  
HOMEPAGE: <http://www.smalloffice.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

REVISION DATE: 20001130

...guide to server software tools. Although very small offices, those with only one of two **employees**, can survive with 'sneakernets,' larger organizations need server-based networks. Server software is installed on ...

...and faxes, and link to the Internet. Computers running server software do most of the **work** of a network. AppleShare IP 5.0, LANtastic 8.0, BackOffice Small Business Server 4...

...Small Business 4.11 were reviewed and compared for ease of setup and administration, processing **speed** of server functions, and ease of setting

up client software on workstations. Microsoft BackOffice earned...

...IP 5.0, testers found performance too slow for file and print serving, especially when **moving** files to and from the server and workstations and processing of large print **jobs**. LANTastic was easy to install and set up, but, unlike the other products, is not...

...network operating system (NOS). BackOffice has many robust server modules including those for print, fax, **database**, Internet, e-mail, shared modem, and scheduling.

**20/3,K/9**

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00102754 DOCUMENT TYPE: Review

**PRODUCT NAMES: Sybase SQL Server (695017); Cognos PowerPlay (243477)**

**TITLE: Full House, Data High**

**AUTHOR: Dukart, James R**

**SOURCE: HP Professional, v11 n7 p17(5) Jul 1997**

**ISSN: 0986-145X**

**HOME PAGE: <http://www.hppro.com>**

**RECORD TYPE: Review**

**REVIEW TYPE: Product Analysis**

**GRADE: Product Analysis, No Rating**

**REVISION DATE: 20030221**

...Cognos' PowerPlay are products highlighted in a discussion of data warehouse tools. Many vendors are **moving** into the market for midrange products and services for storage, retrieval, and analysis of company...

...increasing use of World Wide Web technology and corporate intranets has led to many new **jobs** for knowledge **workers** who need to gain access to data stored in warehouses or data marts. Hardware and **database** vendors are in a particularly good market position, according to analysts. Cognos says that about...

...to build enterprisewide data warehouses. Web servers often become data marts, a trend that further **strengthens** the midrange market.

**DESCRIPTORS: Business Models; Database Management; Decision Support Systems; Information Retrieval; Intranets; Software Marketing; SQL; SQL Server**

**20/3,K/10**

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00101848 DOCUMENT TYPE: Review

**PRODUCT NAMES: Microsoft Visual InterDev (648485)**

**TITLE: Make the Most of Your Web Site**

**AUTHOR: Naylor, Scott**

**SOURCE: PC/Computing, v10 n6 p150(1) Jun 1997**

**ISSN: 0899-1847**

**RECORD TYPE: Review**

**REVIEW TYPE: Review**

**GRADE: A**

**REVISION DATE: 20020630**

...of Web builders because it includes many otherwise standalone packages in one well-integrated application. **Database** integration is the true **strength** of Visual InterDev, which **works** with any Open **Database** Connectivity (ODBC)-compatible database to support dynamic Web sites. Users create ActiveX controls to add...

20/3,K/11

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00094417 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Delphi 2.0 (507768); Envelop 1.3 (631906); Natural LightStorm 3.1.2 (631914); Optima++ IDE 1.0 (602906); PLATINUM ObjectPro (519065)

**TITLE:** A Garden Of Visual Delights .

**AUTHOR:** Feibus, Andy

**SOURCE:** Information Week, v586 p83(4) Jul 1, 1996

**ISSN:** 8750-6874

**HOME PAGE:** <http://www.informationweek.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20021226

...Technology's PLATINUM ObjectPro. All the tools reviewed run in the Windows environment, and they **work** with multiple vendors' **databases** without needing much extra **effort**. Tools reviewed are independent of any single vendor's database in order to gain full...

20/3,K/12

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00094144 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Microsoft Windows NT Server (442674); NetWare (699683)

**TITLE:** Look before you leap from NetWare to NT

**AUTHOR:** Sundra, Raj

**SOURCE:** Computerworld, v30 n32 p54(1) Aug 5, 1996

**ISSN:** 0010-4841

**HOME PAGE:** <http://www.computerworld.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20020819

...on an as-needed basis is more sensible and easier. Users should also expect increased **database** and system administration **task** loads when **moving** to Windows NT as an application server; a system administrator may be required. Other considerations...

20/3,K/13

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00093012 DOCUMENT TYPE: Review

PRODUCT NAMES: ABC QuickSilver (627003); Micrografx Designer (420727)

TITLE: Micrografx snags Web graphics like QuickSilver

AUTHOR: Darrow, Barbara

SOURCE: CRN, v681 p51(2) Apr 29, 1996

ISSN: 0893-8377

HOME PAGE: <http://www.crn.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20030221

Micrografx's ABC QuickSilver and Micrografx Designer **work** together to **speed** downloading of rich- **data** **files** from the Internet to the desktop without a T1 line. The plug allows users to...

20/3,K/14

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00090682

DOCUMENT TYPE: Review

PRODUCT NAMES: Dominion (613495); DP Umbrella for Windows SQL (378801); Response (613509); SupportMagic for Windows (267449)

TITLE: Saving time and users

AUTHOR: Sullivan, Kristina B

SOURCE: PC Week, v13 n14 pN3(1) Apr 8, 1996

ISSN: 0740-1604

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20020923

Features critical to successful, productive help desk operation include **speed**, customization, automated paging, call management, **work** order requests, real-time **database** access, and network management integration. The help desk **staff** for an Atlanta bank uses Dominion client/server (C/S) help desk software, with an...

20/3,K/15

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

(c)2003 Info.Sources Inc. All rts. reserv.

00089792

DOCUMENT TYPE: Review

PRODUCT NAMES: OODBMS (830220); Database Management (830025)

TITLE: Are relational databases the safe choice?

AUTHOR: Taylor, David

SOURCE: Object Magazine, v5 n9 p18(2) Feb 1996

ISSN: 1055-3614

HOME PAGE: <http://www.sigs.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20020228

...relations is straightforward. Deploying a relational database with object technology does have several advantages. Relational **databases**

support high- **speed** queries, for example. However, they **work** best only with shallow object structures.

**20/3,K/16**

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00086820 DOCUMENT TYPE: Review

**PRODUCT NAMES: Workflow (833754)**

**TITLE: The rhythm of work**

**AUTHOR: Kobiellus, James**

**SOURCE: Network World, v12 n42 ps12(5) Oct 16, 1995**

**ISSN: 0887-7661**

**HOME PAGE: <http://www.nwfusion.com>**

**RECORD TYPE: Review**

**REVIEW TYPE: Product Analysis**

**GRADE: Product Analysis, No Rating**

**REVISION DATE: 20010430**

**TITLE: The rhythm of work**

Workflow software helps companies to re-engineer their business processes and increase the **speed** and flexibility of everyday **tasks**. This type of software supports **tasks** such as routing, review, revision, and tracking. Workflow systems may access a document or **database** management system, and most have a distributed architecture. These systems may take electronic files and...

...and present it as a single folder. The folder can then be routed to different **personnel** for **action**, e-mail reminders may be sent automatically, and a graphical display of the workflow process...

**20/3,K/17**

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00086083 DOCUMENT TYPE: Review

**PRODUCT NAMES: Microsoft Access 97 Windows 95 (387894)**

**TITLE: Access 95 Advances Database Design**

**AUTHOR: Dobson, Rick**

**SOURCE: Byte, v20 n12 p181(2) Dec 1995**

**ISSN: 0360-5280**

**HOME PAGE: <http://www.byte.com>**

**RECORD TYPE: Review**

**REVIEW TYPE: Review**

**GRADE: A**

**REVISION DATE: 20020516**

...been added to build databases automatically, convert data tables from legacy designs, and simplify other **tasks**. Several wizards **speed** up development, and a **Database** Wizard has been added to offer preset designs for a variety of common database operations.

**20/3,K/18**

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00063627 DOCUMENT TYPE: Review

PRODUCT NAMES: ACT! 2.0 (019253)

TITLE: Take Your Act on the Road

AUTHOR: Castagna, Rich

SOURCE: Windows Magazine, v5 n5 p116(2) May 1994

ISSN: 1060-1066

HOME PAGE: <http://www.winmag.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20001230

...can attach contact records or other files to an e-mail message. Several users can **work** with the same **database** simultaneously, and **ACT !** incorporates security measures involving log-in IDs and password controls.

20/3,K/19

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00062370 DOCUMENT TYPE: Review

PRODUCT NAMES: PSI:Origen 3.0 NetWare (324426)

TITLE: Origen 3.0 Automates NetWare Administration

AUTHOR: Staff

SOURCE: LAN Times, v11 n6 p68(2) Mar 28, 1994

ISSN: 1040-5917

HOME PAGE: <http://www.lantimes.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: B

REVISION DATE: 20020630

...Origen 3.0 (for NetWare) is an excellent application for expediting some of the routine **tasks** of network administration. Origen **speeds** operations, by establishing **database** files of critical configuration parameters. Functions which may be enhanced by the use of this...

20/3,K/20

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00061343 DOCUMENT TYPE: Review

PRODUCT NAMES: Now Contact (459011); Norton Essentials for PowerBook 1.1 (431265); MacBankruptcy (493198); ACT! (019253); Legal Case Manager 1.2 (450626)

TITLE: Mac News for Lawyers

AUTHOR: Saraceno, David A

SOURCE: Law Office Computing, v4 n1 p30(4) Feb/Mar 1994

ISSN: 1055-128X

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20010730

...legal office are outlined. Now Contact includes a comprehensive word processor, calendar, and contact management **database** , and it **works** with Law Office Manager. **ACT !** is another contact manager with a word processor though it requires some work to customize..

Set	Items	Description
S1	738472	WORK? ? OR TASK? OR JOB OR JOBS OR PHYSICAL() (ACTION? OR ACTIVIT?) OR CHORE?
S2	2090379	ACT? ? OR ACTION OR MOVEMENT? OR CHOREOGRAPH? OR BENDING? - OR MOTION? OR LIFTING? OR MOVING?
S3	2865986	STRENGTH? OR MUSCLE? OR MANPOWER? OR EFFORT? OR POWER? OR - WEIGHT?
S4	142	PHYSICAL() (ABILIT? OR DEMAND? OR REQUIREMENT?)
S5	131761	DATABASE? OR DATABANK? OR DATA() (BASE? OR BANK? OR FILE? OR MINE?) OR DATAMINE? OR DATAFILE? OR DB OR RDB OR OODB OR DBMS
S6	1022	S1 AND (S2 OR S3 OR S4) AND S5
S7	64	S6 AND (EMPLOYEE? OR WORKER? OR STAFF?)
S8	144	S6 AND IC=G06F-015?
S9	42	S7 AND IC=G06F?
S10	52405	S1(10N) (S2 OR S3 OR S4)
S11	39	S10 AND S8
S12	72	S9 OR S11
S13	43	S12 AND IC=G06F-015?
S14	43	IDPAT (sorted in duplicate/non-duplicate order)
S15	40	IDPAT (primary/non-duplicate records only)
File 344:Chinese Patents Abs Aug 1985-2003/Jan		
(c) 2003 European Patent Office		
File 347:JAPIO Oct 1976-2002/Nov(Updated 030306)		
(c) 2003 JPO & JAPIO		
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200318		
(c) 2003 Thomson Derwent		



15/5/1 (Item 1 from file: 344)  
DIALOG(R)File 344:Chinese Patents Abs  
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4037518

**ACTION-ANALYSING METHOD**

Patent Assignee: RELIGION HOUJIN KONGOUZEN SOUH (JP)  
Author (Inventor): KUNII TOSHIYASU (JP); SUNLINING (JP)  
Number of Patents: 001  
Patent Family:

CC	Number	Kind	Date
CN	1067519	A	921230 (Basic)

Application Data:

CC	Number	Kind	Date
*CN	91103810	A	910601

Abstract: The present invention relates to a method of analyzing movements which is based on the dynamics, including dividing human body or animal body into the portions forming minimum movement unit; entering the mode data of human body or animal body which is worked out according to the original properties and constrained conditions of the above-mentioned portions into the data base in advance, inputting the movements of analyzed object; using the dynamics to calculate the inputted movements; individually displaying movements and centers of gravity of all portions, forces acting on all the joints and moments, all the movements and centers of gravity and the forces acting on those centers of gravity and moments or superposing them on the mode of human body or animal body in the data base and displaying them on the screen, so that it can work out the true and scientific movements.

IPC: G06F-015/20

15/5/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

015068143 \*\*Image available\*\*  
WPI Acc No: 2003-128659/200312  
XRPX Acc No: N03-102231

**Workflow process system for industrial application, accesses node group database for group of work nodes, when generic node is to be executed**

Patent Assignee: CASATI F (CASA-I); SHAN M (SHAN-I)  
Inventor: CASATI F; SHAN M  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020161823	A1	20021031	US 2001842496	A	20010425	200312 B

Priority Applications (No Type Date): US 2001842496 A 20010425

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020161823	A1	14	G06F-015/16		

Abstract (Basic): US 20020161823 A1

NOVELTY - A **database** stores a group of **work** nodes referred by generic nodes. The **work** nodes define a **work** flow **action** and data items to be read and written, when executing the workflow **action**. A workflow engine accesses the **database**, when the generic node is to be executed so as to allow dynamic composition and modification of the workflow process.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Workflow process execution method; and
- (2) Workflow process compiling method.

USE - For handling business process in industries.

ADVANTAGE - Since dynamic composition and modification of the workflow processes is allowed by the execution of the generic nodes, the changes in the **work** process is reflected without redefining the workflow processes and user intervention, hence the needs of the

customer is satisfied, effectively.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart illustrating the operation of the workflow engine.

pp; 14 DwgNo 6/8

Title Terms: PROCESS; SYSTEM; INDUSTRIAL; APPLY; ACCESS; NODE; GROUP;

**DATABASE** ; GROUP; **WORK** ; NODE; NODE; EXECUTE

Derwent Class: T01; T06

International Patent Class (Main): **G06F-015/16**

File Segment: EPI

**15/5/3 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014785564 \*\*Image available\*\*

WPI Acc No: 2002-606270/200265

**Electronic drawing frames managing method based on internet**

Patent Assignee: CHO S H (CHOS-I)

Inventor: CHO S H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002022749	A	20020327	KR 200212399	A	20020308	200265 B

Priority Applications (No Type Date): KR 200212399 A 20020308

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002022749	A	1	G06F-015/02	

Abstract (Basic): KR 2002022749 A

NOVELTY - An electronic drawing frames managing method based on Internet is provided to enable a user to enjoy various masterpieces by databasing the masterpieces and similar images.

DETAILED DESCRIPTION - The method comprise steps of making a digital image of a **work** of art by paying for a reasonable royalty to a possessor of various **work** of art including a drawing, a still image and a **moving** image(s20), processing the outputted digital image in order to get a high quality image(s40), storing the processed digital image in a **database** of a service provider(s60), a user accessing to a web server of service provider as a member(s60), the user selecting a plurality of **works** of art by searching the **database** after authenticating(s180), transmitting the digital image of the selected **works** to the appointed drawing frames among a plurality of registered electronic drawing frames through a wire or wireless network(s240), a CPU equipped in each electronic drawing frames automatically storing the received digital image in a storage of each electronic drawing frame(s260), and automatically displaying the stored **works** of art at an interval of preset time.

pp; 1 DwgNo 1/10

Title Terms: ELECTRONIC; DRAW; FRAME; MANAGE; METHOD; BASED

Derwent Class: T01

International Patent Class (Main): **G06F-015/02**

File Segment: EPI

**15/5/4 (Item 4 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014582863 \*\*Image available\*\*

WPI Acc No: 2002-403567/200243

Related WPI Acc No: 2002-206435

XRFX Acc No: N02-316673

**Automated message notification system for military and medical**

**applications, has intention determination system to issue alert signal if**

**execution of instruction creates potential conflict**

Patent Assignee: HOWARD N (HOWA-I)

Inventor: HOWARD N

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020032733	A1	20020314	US 2000221131	P	20000727	200243 B
			US 2001912918	A	20010725	

Priority Applications (No Type Date): US 2000221131 P 20000727; US 2001912918 A 20010725

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020032733	A1		20	G06F-015/16	Provisional application US 2000221131

Abstract (Basic): US 20020032733 A1

NOVELTY - An input device receives the instruction entered by the user. A passive input device receives the instruction entered by another user. An intention determination system analyzes the received instructions to determine if execution of the instruction complies with the users' intent and issues an alert if execution of the instruction creates potential conflict.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Intention determination system for analyzing instructions in automated message notification system;

(b) User interface in automated message notification system

USE - For notifying potential conflicts in instructions issued by users such as sales person or **work** crews, military personal for coordinating position and **movement** of satellites, aircraft, truck train, for planning and scheduling construction, engineering, manufacturing of products or for personal day planning applications. Also for medical applications such as surgeries, diagnostic procedures, treatment procedures, etc.

ADVANTAGE - Notifies users' of potential problems considering both the physical circumstances and users' intentions, thus reducing operational uncertainty.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of **database** management system.

pp; 20 DwgNo 4/9

Title Terms: AUTOMATIC; MESSAGE; NOTIFICATION; SYSTEM; MILITARY; MEDICAL; APPLY; INTENTIONAL; DETERMINE; SYSTEM; ISSUE; ALERT; SIGNAL; EXECUTE; INSTRUCTION; POTENTIAL; CONFLICT

Derwent Class: T01

International Patent Class (Main): G06F-015/16

File Segment: EPI

15/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013483336 \*\*Image available\*\*

WPI Acc No: 2000-655279/200063

XRPX Acc No: N00-485696

**Asynchronous multimedia collaboration system for having messages with synchronized voice, graphics and mouse gestures has newsgroup server for posting titles of user contributions to asynchronous conference**

Patent Assignee: SIEMENS CORP RES INC (SIEI )

Inventor: PHAM L; PIZANO A; SU W V; YAN M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6105055	A	20000815	US 9842411	A	19980313	200063 B

Priority Applications (No Type Date): US 9842411 A 19980313

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6105055	A		13	G06F-013/38	

Abstract (Basic): US 6105055 A

NOVELTY - A web server (28) is connected to a conference **database** (24) to access the dynamic annotation data. A message base is connected to a delayed conference manager (18) to store the user contribution data associated with an asynchronous conference. A newsgroup server (20) is connected to the message base to post titles of user contributions to the asynchronous conference.

DETAILED DESCRIPTION - The delayed conference manager provides the centralized management of asynchronous conferences and generates index data representing the structure and correspondence of the dynamic annotation data associated with user contributions to asynchronous conference. An e-mail server is connected to the delayed conference manager to receive e-mail messages having the dynamic annotation data of user contributions. The delayed conference manager downloads the e-mail messages from the e-mail server and extracts the dynamic annotation data. The conference **database** is connected to a delayed conference manager to store the index data and the extracted dynamic annotation data. An INDEPENDENT CLAIM is also included for an asynchronous multimedia collaboration method.

USE - For producing messages containing synchronized voice, graphics and mouse gestures.

ADVANTAGE - Has ability to include video, graphics and other multimedia objects in addition to static images, graphics and text. Provides annotation editing and annotation-on-annotation capabilities needed to facilitate systematic exchange of dynamic annotations. Allows user to engage in computer-assisted collaborative **task** taking full advantage of expressive **power** of voice and data communications without having delay.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of accessing existing contributions.

Delayed conference manager (18)

Newsgroup server (20)

Conference **database** (24)

Web server (28)

pp; 13 DwgNo 5/7

Title Terms: ASYNCHRONOUS; SYSTEM; MESSAGE; VOICE; GRAPHIC; MOUSE; SERVE; POST; TITLE; USER; ASYNCHRONOUS; CONFER

Derwent Class: T01

International Patent Class (Main): G06F-013/38

International Patent Class (Additional): **G06F-015/17**

File Segment: EPI

**15/5/6 (Item 6 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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012745473 \*\*Image available\*\*

WPI Acc No: 1999-551590/199946

XRPX Acc No: N99-408140

**System for creation and management of electronic files in performance of jobs**

Patent Assignee: A:\SCRIBES CORP (ASCR-N)

Inventor: ARCHBOLD J

Number of Countries: 082 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9946913	A1	19990916	WO 98US4928	A	19980312	199946 B
AU 9865536	A	19990927	AU 9865536	A	19980312	200006
			WO 98US4928	A	19980312	
EP 1086567	A1	20010328	EP 98911618	A	19980312	200118
			WO 98US4928	A	19980312	
NZ 511000	A	20021025	NZ 511000	A	19980312	200274
			WO 98US4928	A	19980312	

Priority Applications (No Type Date): WO 98US4928 A 19980312

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9946913 A1 E 105 H04M-001/64

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GM GR IE  
IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9865536 A H04M-001/64 Based on patent WO 9946913

EP 1086567 A1 E H04M-001/64 Based on patent WO 9946913

Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI  
LT LU LV MC MK NL PT RO SE SI

NZ 511000 A H04M-001/64 Based on patent WO 9946913

Abstract (Basic): WO 9946913 A1

NOVELTY - The system has 'HOME's where there is a 'DAD'  
computer and software system for human user interaction to initiate  
**jobs** and utilize voicemail through real time voice and tone signal  
input, and HIS computer and software system for keeping the **databases**  
used to process **Jobs** and for keeping the statistical records of **jobs**  
for analysis, general ledger, payroll and billing.

DETAILED DESCRIPTION - The system also has MOMs where there is a  
software system server on a computer set on the backbone of the global  
communication network e.g. Internet that receives **job** packets from  
its HOMEs, selects scribes for **work** e.g. transcription, generates  
messages in the form of E-mail and Voicemail to specified users for  
information or **action**, updates the status of the **job** record and  
transferring that updated record to a SUPERMOM, implements all the  
details of **job** processing steps and logic that has been controlled by  
human supervisor. An INDEPENDENT CLAIM is included for a machine  
readable medium.

USE - For creation and management of electronic files in  
performance of **jobs**.

ADVANTAGE - Saves time, energy expended in travel, and flexibility  
in scheduling. **Job** transaction information is available. Author can  
create a multi-content file while working from a standard push-button  
telephone, anywhere in the world.

DESCRIPTION OF DRAWING(S) - The figure shows a representation of  
the system.

pp; 105 DwgNo 1/61

Title Terms: SYSTEM; CREATION; MANAGEMENT; ELECTRONIC; FILE; PERFORMANCE;  
**JOB**

Derwent Class: T01; W01; W02

International Patent Class (Main): H04M-001/64

International Patent Class (Additional): G06F-011/00; G06F-012/08;

G06F-013/00; **G06F-015/00** ; **G06F-015/16** ; H04M-011/00; H04N-001/00

File Segment: EPI

15/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012608166 \*\*Image available\*\*

WPI Acc No: 1999-414270/199935

XRPX Acc No: N99-310363

**Sales condition violation checking procedure of published work -  
involves using details about location of published work as well as  
work ID in sales management server for detecting sales condition  
validity**

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11167596	A	19990622	JP 98255732	A	19980909	199935 B

Priority Applications (No Type Date): JP 97247271 A 19970911

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 11167596 A 17 G06F-017/60

Abstract (Basic): JP 11167596 A

NOVELTY - Sales ID is embedded in published **work** for each sale. Common terminal downloads published **work** during sale and information about location of published **work** as well as **work** ID in sales management server (200) is indicated. Based on location details, sales condition validity is judged. DETAILED DESCRIPTION - The **work** ID is embedded in published **work** beforehand. Based on **work** ID received from terminal, server accesses sales management **database** to determine service condition validity. INDEPENDENT CLAIMS are also included for the following: sales condition validity checking system; recording medium which stores sales condition violation checking program

USE - In internet during sales for preventing unauthorized duplication, presentation of published **work** like **moving** image, digital image like photograph.

ADVANTAGE - As management **database** is searched by server based on details from common terminal, purchase terminal can be specified easily. This enables easy detection of sales condition violation leakage of warning information about sales condition. Violation is prevented since warning is provided both to server and purchase terminal. DESCRIPTION OF DRAWING(S) - The figure is a block diagram of sales condition violation checking system. (200) Sales management server.

Dwg.1/7

Title Terms: SALE; CONDITION; VIOLATION; CHECK; PROCEDURE; **WORK** ; DETAIL; LOCATE; **WORK** ; WELL; **WORK** ; ID; SALE; MANAGEMENT; SERVE; DETECT; SALE; CONDITION; VALID

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): **G06F-015/00**

File Segment: EPI

15/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011631377 \*\*Image available\*\*

WPI Acc No: 1998-048505/199805

XRPX Acc No: N98-038776

Task **execution priority evaluation method for computer network - involves deciding gain of each decision subject by combination of action and using variation rule for expressing method of variation of decided gain**

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9297690	A	19971118	JP 96109724	A	19960430	199805 B

Priority Applications (No Type Date): JP 96109724 A 19960430

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9297690	A	8	G06F-009/46	

Abstract (Basic): JP 9297690 A

The method is applied in a network of computers which are provided with an individual **task** which serves as a decision subject. Each decision subject has **action** selection subject has **action** selection parameter for deciding whether the data forwarding request/reference of a **database** for **task** execution is to be performed to other computers from one computer or the **task** is executed by the self. The gain of each decision subject is obtained based on the combination of **action** by each one.

A variation rule is used for expressing the method of variation of obtained gain. The combination of **action** for the state of the future and the gain relationship is calculated and extracted using the variation rule according to necessity. For the gain variation condition

of the future, the **action** which is to be employed, is evaluated from the obtained combination of **action**. The evaluation result is added to the gain of each decision subject in order to increase it, for **task** execution selection judgment.

ADVANTAGE - Evaluates decision within short time. Enables selection of **action** gained in long term manner.

Dwg.1/10

Title Terms: **TASK** ; EXECUTE; PRIORITY; EVALUATE; METHOD; COMPUTER; NETWORK ; DECIDE; GAIN; DECIDE; SUBJECT; COMBINATION; **ACTION** ; VARIATION; RULE; EXPRESS; METHOD; VARIATION; DECIDE; GAIN

Derwent Class: T01

International Patent Class (Main): G06F-009/46

International Patent Class (Additional): **G06F-015/16**

File Segment: EPI

15/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010961448 \*\*Image available\*\*

WPI Acc No: 1996-458397/199646

XRPX Acc No: N96-386367

**Subterranean transmission line accident restoration work support system - in which retrieved information from database is input to man machine interface and output unit**

Patent Assignee: KANSAI DENRYOKU KK (KANT )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 6169528	A	19940614	JP 92320859	A	19921130	199646 B

Priority Applications (No Type Date): JP 92320859 A 19921130

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 6169528	A		11	H02J-003/00	

Abstract (Basic): JP 6169528 A

The system has a **database** which includes a line information, a section information, an accident inspection, a measuring appts information, a construction contractor information, the restoration material, the **staff** and a tool arrangement information. The accident restoration **work** rule, the arrangement of **work** service interruption to the electric **power** supply place, the road occupancy, the construction **staff**, the material and the tools are requested during the occurrence of accident.

A judgment processing unit updates the details according to the input of an indication. A **database** interface is accessed and the information is retrieved from the **database**. The retrieved information is input to a man machine interface and an output unit.

ADVANTAGE - Generates stable **power** supply. Rectifies accidents quickly and correctly.

Dwg.1/8

Title Terms: SUBTERRANEAN; TRANSMISSION; LINE; ACCIDENT; RESTORATION; **WORK** ; SUPPORT; SYSTEM; RETRIEVAL; INFORMATION; **DATABASE** ; INPUT; MAN; MACHINE; INTERFACE; OUTPUT; UNIT

Index Terms/Additional Words: **PERS ONAL\_COM** ; COMPUTER

Derwent Class: T01; X12

International Patent Class (Main): H02J-003/00

International Patent Class (Additional): **G06F-015/21** ; H02G-009/00

File Segment: EPI

15/5/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010270839 \*\*Image available\*\*

WPI Acc No: 1995-172094/199523

XRPX Acc No: N95-134850

**Task scheduling method for multiprocessor system - involves executing tasks in which prioritisation is determined by jobs with largest discrepancy between desired and actual levels of concurrent task activity**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC ); IBM CORP (IBMC )

Inventor: TUREK J J E; WOLF J L; YU P S

Number of Countries: 005 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 652513	A1	19950510	EP 94116232	A	19941014	199523 B
US 5437032	A	19950725	US 93148108	A	19931104	199535
			US 94293257	A	19940819	
JP 7182185	A	19950721	JP 94234702	A	19940929	199538

Priority Applications (No Type Date): US 93148108 A 19931104; US 94293257 A 19940819

Cited Patents: 03Jnl.Ref; EP 163853; EP 459931; GB 2194368; JP 62279433

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 652513	A1	E	17	G06F-009/46	
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Designated States (Regional): DE FR GB

US 5437032	A	11	G06F-009/46	Cont of application US 93148108
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JP 7182185	A	14	G06F-009/46	
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Abstract (Basic): EP 652513 A

The method involves defining a desired level of concurrent **task** activity for each of **job** within a multitasking system. The actual level of concurrent **task** activity, for each of the **jobs**, is determined. Each **job** is prioritised for execution of awaiting **tasks** in accordance with the discrepancy between the desired level of concurrent **task** activity and the actual level of concurrent **task** activity for each of the **jobs**.

The awaiting **tasks** are scheduled for execution in accordance with the prioritisation of the **jobs** comprising the **tasks**, so that **jobs** are preferentially scheduled from **jobs** with the largest discrepancy between the desired and actual levels of concurrent **task** activity.

USE/ADVANTAGE - For e.g. parallel **database** queries. **Job** priorities are respected. Fair allocation of processing time to each **job**.

Dwg.2/4

Title Terms: **TASK**; SCHEDULE; METHOD; MULTIPROCESSOR; SYSTEM; EXECUTE;  
**TASK**; DETERMINE; **JOB**; DISCREPANCY; ACTUAL; LEVEL; CONCURRENT; **TASK**;  
ACTIVE

Derwent Class: T01

International Patent Class (Main): G06F-009/46

International Patent Class (Additional): **G06F-015/16**

File Segment: EPI

15/5/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009896714 \*\*Image available\*\*

WPI Acc No: 1994-176630/199421

XRPX Acc No: N94-139148

**Finite state machine processing method using action vectors - creating finite state machine for each resource type to govern activation and deactivation of the resource such that each finite state machine, uniquely defines new state and action processing for each resource type**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: MEDICKE J A; POSHAROW P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5317757	A	19940531	US 92834188	A	19920206	199421 B



Priority Applications (No Type Date): US 92834188 A 19920206

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5317757	A		34	G06F-009/30	

Abstract (Basic): US 5317757 A

The common set of building block **action** modules perform specific **tasks** in the finite state machine and are strongly modular in structure. The set of building block **action** modules can be made up of modules for **tasks** generic to resource type and modules that are resource type independent. A finite state machine is created for each resource type to govern the steps of activation and deactivation of the resource. Each finite state machine, uniquely defines the new state and **action** processing for each resource type. To tie the building block **action** modules to each finite state machine, **action** vectors are created for each resource type.

The **action** vector correlates a particular **action** selection by the finite state machine to the dispatching of one or more building block **action** modules. An **action** vector can contain a plurality of elements. Each of these elements identifies an **action** module to which control is passed and a function request pointer. The function pointer identifies the specific function to be performed by the designated **action** module. The building block **action** modules are invoked in the order of occurrence of the elements in the **action** vector.

USE/ADVANTAGE - Data processing method for managing finite state machine, in e.g data communications system, I/O processes, **database** products, data processing system etc. Performs finite state machine processing in system implemented in minimum code space.

Dwg.1/15

Title Terms: FINITE; STATE; MACHINE; PROCESS; METHOD; **ACTION** ; VECTOR;  
FINITE; STATE; MACHINE; RESOURCE; TYPE; GOVERN; ACTIVATE; DEACTIVATE;  
RESOURCE; FINITE; STATE; MACHINE; UNIQUE; DEFINE; NEW; STATE; **ACTION** ;  
PROCESS; RESOURCE; TYPE

Derwent Class: T01

International Patent Class (Main): G06F-009/30

International Patent Class (Additional): **G06F-015/16**

File Segment: EPI

15/5/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009621112 \*\*Image available\*\*

WPI Acc No: 1993-314661/199340

XRPX Acc No: N93-242280

**Image storage device saving power for plate-making work - calculates position of instructed image or cut vector for input to rectangular frame, and stores frame size and calculated image information in database** **NoAbstract**

Patent Assignee: DAINIPPON PRINTING CO LTD (NIPQ )

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 5225289	A	19930903	JP 9257427	A	19920210	199340 B
JP 3159506	B2	20010423	JP 9257427	A	19920210	200125

Priority Applications (No Type Date): JP 9257427 A 19920210

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 5225289	A		7	G06F-015/60	
JP 3159506	B2		7	G06T-011/60	Previous Publ. patent JP 5225289

Abstract (Basic): JP 5225289 A

Dwg.1/10

Title Terms: IMAGE; STORAGE; DEVICE; SAVE; **POWER** ; PLATE; **WORK** ;  
CALCULATE; POSITION; INSTRUCTION; IMAGE; CUT; VECTOR; INPUT; RECTANGLE;

FRAME; STORAGE; FRAME; SIZE; CALCULATE; IMAGE; INFORMATION; **DATABASE** ;  
NOABSTRACT  
Derwent Class: S06; T01; W02  
International Patent Class (Main): **G06F-015/60** ; G06T-011/60  
International Patent Class (Additional): G06F-017/21; G06F-017/50;  
H04N-001/387  
File Segment: EPI

15/5/13 (Item 13 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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009610154  
WPI Acc No: 1993-303702/199338  
Related WPI Acc No: 1998-193016  
XRPX Acc No: N93-233492

**Monitoring handling of hazardous substances at facility - promotes compliance with applicable laws governing such substances by providing integrated approach for all management activities**  
Patent Assignee: ALTERNATIVE SYSTEMS INC (ALTE-N)  
Inventor: CONNORS M D; GORDON E J; STURGEON D H; SZIKLAI A T; CONNERS M D  
Number of Countries: 020 Number of Patents: 002  
Patent Family:  

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9318466	A1	19930916	WO 93US1976	A	19930301	199338 B
US 5664112	A	19970902	US 92844225	A	19920302	199741

Priority Applications (No Type Date): US 92844225 A 19920302

Cited Patents: 3.Jnl.Ref

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9318466	A1	86	G06F-015/21	
Designated States (National): CA JP KR				
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE				
US 5664112	A	47	G06F-017/60	

Abstract (Basic): WO 9318466 A

The appts. provides management procedures including form generation and compliance with reporting requirements for safe disposal of hazardous substances. The appts. includes six functional groupings and a **database** scheme (71). The six are a Hazardous Materials Index (11) which maintains a chemical location table for hazardous substances at a facility. Hazardous Materials Management (31) for tracking the **movement** and use of hazardous substances at the facility.

Human Resource Management (41) for monitoring exposure of each **worker** to specified hazardous substances. Hazardous Commitment Management (61) for monitoring compliance requirements. Hazardous Waste Management (51) for monitoring selected waste management and Hazardous Permit Management (21) for monitoring approvals, renewals and expirations of regulatory agency permits allowing storage, usage or emission of specified hazardous substances.

ADVANTAGE - One integrated system provides six functional groupings and relational **database** scheme that integrates any number of these gps. and allows them to share or exchange information on hazardous substances for in-house and regulatory compliance related functions.

s. a

Dwg.1/36

Title Terms: MONITOR; HANDLE; HAZARD; SUBSTANCE; FACILITY; PROMOTE;  
COMPLIANT; APPLY; LAW; GOVERN; SUBSTANCE; INTEGRATE; APPROACH; MANAGEMENT  
; ACTIVE

Derwent Class: T01  
International Patent Class (Main): **G06F-015/21** ; **G06F-017/60**  
File Segment: EPI

15/5/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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009560052 \*\*Image available\*\*

WPI Acc No: 1993-253599/199332

XRAM Acc No: C93-113174

XRPX Acc No: N93-194796

**Periodical survey work control system for nuclear power plant - which evaluates work from simulator, based on references from data base which then outputs operation commands**

Patent Assignee: TOSHIBA KK (TOKE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 5172983	A	19930713	JP 91343486	A	19911225	199332 B

Priority Applications (No Type Date): JP 91343486 A 19911225

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 5172983	A	9	G21C-017/00	

Abstract (Basic): JP 5172983 A

System has the periodical inspection schedule work files, work record part recording condition of periodical inspection work carrying out. A simulator assumes the change of plant when carrying out the periodical inspection schedule works. The work evaluation part evaluates the possibility of carrying out the work by the results of assumption of the simulator based on the evaluation reference in the data base.

The work execution and monitoring part outputs operation commands to be carried out to workers. It outputs automatic operation commands to the plant to operate directly and monitors the plant condition continuously. When the evaluation is not satisfactory it seeks counter operation to cope with to perform. The main machine interface inputs output of directions of the work, plant condition and condition of the work.

USE/ADVANTAGE - The system can perform the inspection assuredly and it can cope with any trouble quickly. It can improve the safety and soundness of the plant in inspection.

Dwg.1/1

Title Terms: PERIOD; SURVEYING; WORK; CONTROL; SYSTEM; NUCLEAR; POWER; PLANT; EVALUATE; WORK; SIMULATE; BASED; REFERENCE; DATA; BASE; OUTPUT; OPERATE; COMMAND

Derwent Class: K06; T01; X14

International Patent Class (Main): G21C-017/00

International Patent Class (Additional): G06F-015/52

File Segment: CPI; EPI

15/5/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009486350 \*\*Image available\*\*

WPI Acc No: 1993-179885/199322

XRPX Acc No: N93-138186

**Utility- power line control system - determines mains power interruption section for work with reference to line job data searched from data file NoAbstract**

Patent Assignee: MEIDENSHA CORP (MEID )

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 5111138	A	19930430	JP 91265143	A	19911015	199322 B
JP 3203704	B2	20010827	JP 91265143	A	19911015	200152

Priority Applications (No Type Date): JP 91265143 A 19911015

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 5111138 A 6 H02H-003/04  
JP 3203704 B2 6 H02H-003/04 Previous Publ. patent JP 5111138

Abstract (Basic): JP 5111138 A

Dwg.1/4

Title Terms: UTILISE; **POWER** ; LINE; CONTROL; SYSTEM; DETERMINE; MAINS;  
**POWER** ; INTERRUPT; SECTION; **WORK** ; REFERENCE; LINE; **JOB** ; DATA; SEARCH;  
DATA; FILE; NOABSTRACT

Derwent Class: T01; X12; X13

International Patent Class (Main): H02H-003/04

International Patent Class (Additional): **G06F-015/40** ; G06F-017/30

File Segment: EPI

15/5/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009048093 \*\*Image available\*\*

WPI Acc No: 1992-175464/199221

XRAM Acc No: C92-080531

XRPX Acc No: N92-132293

**System for producing staff schedules - based on a function of available resources, employee skill, availability and priority**

Patent Assignee: MRS FIELDS INC (MRSF-N)

Inventor: BLACKLEY T; FIELDS R K; QUINN P R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5111391	A	19920505	US 89417643	A	19891005	199221 B

Priority Applications (No Type Date): US 89417643 A 19891005

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 5111391 A 25

Abstract (Basic): US 5111391 A

The **staff** scheduling data processing system schedules **staff** and management personnel at locations remote from the central location by applying central location policy to remote location data to ensure the optimum **staff** schedule for each remote site. The system included a **database** for storing and retrieving information. It includes central office policy, applicable labour requirements, **tasks** that need to be performed, skill levels required to perform **tasks** and resources that may confine or facilitate the scheduling of a **task** at a given time. It also includes relationships between **tasks** that will alter the placement or **movement** of a **task** on a schedule, **employees** with associated skill levels and priorities and availability, the **employee** 's time that it takes to **work** on a particular **task** , and the positive and negative slide in relation to the **task** 's completion time by the **employee** .

Upon request to create a schedule for a given day for a remote location, the system selects all the **tasks** to be performed on that day, and using historical data about the location, the **tasks** , the skill required to complete the **tasks** , the available resources, **employee** availability, and central office policy, creates an optimised display of the required schedules.

ADVANTAGE - Creates optimised **staff** schedule.

.dl5

Dwg.4/4

Title Terms: SYSTEM; PRODUCE; **STAFF** ; SCHEDULE; BASED; FUNCTION; AVAILABLE  
; RESOURCE; EMPLOY; SKILL; AVAILABLE; PRIORITY

Derwent Class: T01

International Patent Class (Additional): **G06F-015/21**

File Segment: EPI

15/5/17 (Item 17 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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008946120 \*\*Image available\*\*  
WPI Acc No: 1992-073389/199210  
XRPX Acc No: N92-055189

**Damage loss claim processing appts. with activity logging - creates file for each case from initial transaction record consisting of keyboard-accessed preformatted screens displayed locally**  
Patent Assignee: ITT CORP (INTT ); HARTFORD FIRE INSURANCE CO (HART-N);  
INT TELEPHONE & TELEGRAPH CORP (INTT )  
Inventor: BARR R; BEAUCHESNE L; BENSON R; BURDICK M; DUFFY J; FLETCHER P;  
FRITZ D; GADDAS J R; GIRARDINI J; GUILMETTE R; HUGHES D; LAYTUBBY L; LONG  
J; MACHNICH C; MONTRESOR B; MOORE S; PATCH T; POLLNOW R; PRIGNON G;  
RETARTHA A; ROUND M J; ROUND M; MAYTUBBY L

Number of Countries: 015 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 472786	A	19920304	EP 90309383	A	19900828	199210 B
CA 2024320	A	19920301				199224 N
EP 472786	B1	19960313	EP 90309383	A	19900828	199615
DE 69025935	E	19960418	DE 625935	A	19900828	199621
			EP 90309383	A	19900828	

Priority Applications (No Type Date): EP 90309383 A 19900828

Cited Patents: 4.Jnl.Ref; EP 269875; US 4503499

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 472786	A				
				Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE	
EP 472786	B1 E	80		G06F-017/60	
				Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE	
DE 69025935	E			G06F-017/60	Based on patent EP 472786
CA 2024320	A			G06F-015/403	

Abstract (Basic): EP 472786 A

The local data processing station (32) comprising printers (48, 52) and display I/O equipment (40) is linked to local and remote display stations (36, 34) and to a remote host computer (62) via telephone lines (56, 58, 64). Information received (in a notice of loss) is stored in a disc (42). A claims file is created for review on the supervisor's screen (70). The claim handler accesses various functions (diary, activity log, payment transaction etc.) through the keyboard (68). Printout is managed through a print queue.

ADVANTAGE - **Work** in process is tracked, response to telephone enquires is accelerated and paperwork reduced. (81pp Dwg.No.5/8)

Title Terms: DAMAGE; LOSS; CLAIM; PROCESS; APPARATUS; ACTIVE; LOG; FILE;  
CASE; INITIAL; TRANSACTION; RECORD; CONSIST; KEYBOARD; ACCESS; SCREEN;  
DISPLAY; LOCAL

Derwent Class: T01

International Patent Class (Main): G06F-015/403 ; G06F-017/60

International Patent Class (Additional): G06F-015/21 ; G06F-015/40

File Segment: EPI

15/5/18 (Item 18 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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008842680 \*\*Image available\*\*  
WPI Acc No: 1991-346696/199147  
XRAM Acc No: C91-149458  
XRPX Acc No: N91-265451

**Computer management of waste water collection system - using data base storing system parameters to determine a surface hydraulic grade for a portion of the system**

Patent Assignee: PATE SYSTEMS INC (PATE-N)

Inventor: MULLINAX R L; PATE G E; ROSS J E; SUTTON A C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5063505	A	19911105	US 89368046	A	19890616	199147 B

Priority Applications (No Type Date): US 89368046 A 19890616

Abstract (Basic): US 5063505 A

Computer-accessible **database** is established to include waste water collection system parameters including location of sewer pipes, manholes, elevations of pipes and manholes, pipe and manhole dias., and predicted customer waste water input to the system along the pipe. An area of the waste water collection system is selected for analysis and **database** portions related to the area selected are selectively reviewed and the parameters modified. At least one waste water flow for a portion of the system under analysis is determined and at least one surface hydraulic grade for a portion of the pipe system under analysis is determined and compared against a predetermined criteria.

USE/ADVANTAGE - In the management for planning and control of a public utility waste water collection system. Allows evaluation of waste water collection system needs and effectiveness of proposed improvements to solve system problems, to better direct and control consultants **work efforts**, manage expenditure, and predict needs to meet changing regulatory requirements.

Dwg.1/20

Title Terms: COMPUTER; MANAGEMENT; WASTE; WATER; COLLECT; SYSTEM; DATA; BASE; STORAGE; SYSTEM; PARAMETER; DETERMINE; SURFACE; HYDRAULIC; GRADE; PORTION; SYSTEM

Derwent Class: D15; T01

International Patent Class (Additional): G06F-015/20

File Segment: CPI; EPI

15/5/19 (Item 19 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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008198789 \*\*Image available\*\*

WPI Acc No: 1990-085790/199012

XRPX Acc No: N90-066175

**Vehicle navigator with landmark synchronisation - navigates in one dimensions only, using distance, between landmarks, at which turning is detected to synchronise position**

Patent Assignee: ZEEVI E I (ZEEV-I)

Inventor: ZEEVL E I

Number of Countries: 003 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2222897	A	19900321	GB 888287	A	19880408	199012 B
US 4878170	A	19891031	US 88169645	A	19880317	199020
CA 1296412	C	19920225				199214

Priority Applications (No Type Date): US 88169645 A 19880317; US 8727292 A 19870317

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
GB 2222897	A	141		

Abstract (Basic): GB 2222897 A

A preselected route is established in terms of a sequence data and a processor computes sequence **action data based** on lineal distances between landmarks, such as junctions. It is necessary to store all geographic data about a region to be traversed during a journey and further computation can be extremely efficient without reliance at any time on detection of direction with respect to magnetic north or other fixed, remote reference.

All needed information is incorporated into data related only to distance travelled by the vehicle between landmarks and **movement** around an approached landmark. The system **works** on the assumption

that the vehicle moves in one dimension between set landmarks so that route information can be reduced to a sequence of indicators. The **movements** around landmarks or more specifically junctions or turns where deviations are expected from a straight line constant velocity path are used to synchronise vehicle location relative to the landmark. The accuracy of map distance between landmarks is assumed within an acceptable error so that synchronisation can be obtained within a window distance during which the system seeks synchronisation.

ADVANTAGE - Avoids need to continuously measure position, without sacrificing accuracy.

1/70

Title Terms: VEHICLE; NAVIGATION; LANDMARK; SYNCHRONISATION; ONE; DIMENSION  
; DISTANCE; LANDMARK; TURN; DETECT; SYNCHRONISATION; POSITION  
Derwent Class: S02; T01; W06; X22  
International Patent Class (Additional): G01S-011/04; **G06F-015/50**  
File Segment: EPI

**15/5/20 (Item 20 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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007404394

WPI Acc No: 1988-038329/198806

XRAM Acc No: C88-016942

XRPX Acc No: N88-028942

**Assisting inspection work of e.g. atomic power plant - in which confirmation of plant states, instructions on inspection process and inspection results are input as data in inspection program**

Patent Assignee: NIPPON GENSHIRYOKU JIGYO KK (NIGJ ); TOSHIBA KK (TOKE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 62208106	A	19870912	JP 8650490	A	19860310	198806 B

Priority Applications (No Type Date): JP 8650490 A 19860310

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 62208106	A	3		

Abstract (Basic): JP 62208106 A

In periodical inspection of plant, e.g., atomic **power** plant or thermal **power** plant, information on plant state, inspection procedure, criterion, which are set during inspection of plant, are recorded as data in **data base**. Confirmation of plant state during inspection **work**, instruction on inspection procedure, and inspection result are input as data in inspection assisting program. In the inspection assisting program, from input data during inspection **work**, and data recorded in the **data base**, the input data is evaluated to assist inspection **work**.

USE/ADVANTAGE - Shortens periodical inspection and improves working efficiency of plant.

0/2

Title Terms: ASSIST; INSPECT; **WORK**; ATOMIC; **POWER**; PLANT; CONFIRM;  
PLANT; STATE; INSTRUCTION; INSPECT; PROCESS; INSPECT; RESULT; INPUT; DATA  
; INSPECT; PROGRAM

Derwent Class: K05; T06; X14

International Patent Class (Additional): G01R-031/28; G05B-013/00;  
G05B-023/02; G06F-009/44; **G06F-015/20**; G21C-017/00; G21D-003/00

File Segment: CPI; EPI

**15/5/21 (Item 21 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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004611364

WPI Acc No: 1986-114708/198618

XRPX Acc No: N86-126569

**Robot installation for large objects in automated workshop - has programming centre and supervisory station for tooling control**

Patent Assignee: INST RECH CONSTR NAVALE (RECS-N); INST RECH CONST NAV (RECS-N)

Inventor: DEVOS M; GALLARD H; KROCZYNSKI P; MARS D; SICARD C

Number of Countries: 013 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
ES 8601039	A	19860216	ES 539589	A	19850116	198618 B
EP 185829	A	19860702	EP 84402730	A	19841227	198627
NO 8500073	A	19860804				198638
DK 8500038	A	19860704				198640
BR 8500209	A	19860826				198641
FI 8500217	A	19860718				198647
US 4697239	A	19870929	US 85688890	A	19850104	198741
EP 185829	B1	19920701				199227
DE 3485800	G	19920806	DE 3485800	A	19841227	199233
			EP 84402730	A	19841227	

Priority Applications (No Type Date): ES 539589 A 19850116; EP 84402730 A 19841227

Cited Patents: 3.Jnl.Ref; EP 44565; US 4309600

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
ES 8601039	A		38		
EP 185829	A	F			
					Designated States (Regional): BE DE FR GB IT NL SE
EP 185829	B1	F	20	G05B-019/417	
					Designated States (Regional): BE DE FR GB IT NL SE
DE 3485800	G			G05B-019/417	Based on patent EP 185829

Abstract (Basic): ES 8601039 A

A rolling bridge runs along parallel rails with its beam supporting a carriage, from which a hook depends for attachment of a tool carrier. The robot joined arm is fixed to this carrier and equipped with a tool such as a welding torch. Orientation of the carrier is controlled by the gyroscopic stabiliser of the hook support.

The programming centre incorporates five **databases** for geometry, tooling, working standards, sequences, and statistical management with a **data bank** of gp. working sequences for transmission to the supervisory station.

USE/ADVANTAGE - Esp. in shipbuilding, quality and speed of **work** are comparable with those of system designed for small **movements** of tool, while allowing rapid **movement** over greater distances by carrier beam. (First major country equivalent to ES8601039) (38pp Dwg.No.0/12)

Title Terms: ROBOT; INSTALLATION; OBJECT; AUTOMATIC; WORKSHOP; PROGRAM; CENTRE; SUPERVISION; STATION; TOOLING; CONTROL

Derwent Class: P56; P62; Q24; T06; X25

International Patent Class (Main): G05B-019/417

International Patent Class (Additional): B23Q-001/00; B25J-009/00;

B63B-009/06; G05B-019/41; **G06F-015/46**

File Segment: EPI; EngPI

15/5/22 (Item 22 from file: 347)

DIALOG(R)File 347:JAPIO

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06956854 \*\*Image available\*\*

**POWER** SUPPLY SYSTEM AND SYSTEM RELATING TO SAME, **POWER** SUPPLY OPERATION METHOD AND METHOD RELATING TO SAME, COMPUTER-READABLE RECORDING MEDIUM WITH PROGRAM IMPLEMENTING SAME METHOD RECORDED THEREON

PUB. NO.: 2001-184406 [JP 2001184406 A]

PUBLISHED: July 06, 2001 (20010706)

INVENTOR(s): MIYATA MASANORI  
TAKEI TORU



NOJIMA YOSHIO  
TANAKA SHINICHI  
SHIBAYAMA KOJI  
MARUOKA NORIYUKI  
HORIMOTO TAIZO

APPLICANT(s): SUMITOMO CORP  
APPL. NO.: 11-368496 [JP 99368496]  
FILED: December 24, 1999 (19991224)  
INTL CLASS: G06F-017/60; G01R-011/57; G01R-021/00; G06F-015/02 ;  
H02J-003/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a **power** supply system which enables a customer to select electric **power** generated with green energy.

SOLUTION: The **power** supply system 1 is equipped with a notification control means 12 which notifies electric **power** users of a **power** generation kind and its selling price by using a communication line 8, a **power** distribution control means 14 which receives a **power** source kind and its amount of consumption or a booking indication for the day and time of use sent from an electric **power** user 5 through the communication line and instructs **power** generating facilities 7 by **power** sources to supply electric **power** by the amount of consumption through the communication line, a use result **database** 16 wherein **power** source kinds and the amount of consumption by electric **power** users are recorded, and a billing office **work** control means 18 which calculates electric **power** use charges by the electric **power** users from the **power** supply kinds and the amount of consumption in a certain period recorded in the use result **database** and charges the electric **power** users.

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15/5/23 (Item 23 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06378700. \*\*Image available\*\*  
**WORK** SUPPORTING SYSTEM

PUB. NO.: 11-320346 [JP 11320346 A]  
PUBLISHED: November 24, 1999 (19991124)  
INVENTOR(s): ISHIZAWA TOMOKI  
APPLICANT(s): OMRON CORP  
APPL. NO.: 10-128633 [JP 98128633]  
FILED: May 12, 1998 (19980512)  
INTL CLASS: B23Q-041/08; G05B-015/02; G05B-023/02; G06F-015/16

#### ABSTRACT

PROBLEM TO BE SOLVED: To eliminate labor required by **workers** for **work** indication information at each working table and improve working efficiency, in a **work** supporting system for the working line of an FA manufacturing site to progress a **work** for a plurality of the working tables in succession of a **work** line while a single **worker** is **moving** .

SOLUTION: In this **work** supporting system, only by selecting and assigning a scenario file starting from a first working table 2-1 of a working line 1, according to the scenario file set at each of working tables 2-1, 2-2, 2-3. ...., **work** indication information stored at a **data base** 6 on the server 5 side is displayed, in order, on the clients 3-1, 3-2, 3-3, ... of the working table while a **worker** in **moving** .

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15/5/24 (Item 24 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05331509      \*\*Image available\*\*  
JOB EXECUTION CONTROL SYSTEM

PUB. NO.:        08-287009 [JP 8287009 A]  
PUBLISHED:      November 01, 1996 (19961101)  
INVENTOR(s):    ANAYAMA IZUMI  
APPLICANT(s):   HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
                  (Japan)  
APPL. NO.:      07-090483 [JP 9590483]  
FILED:          April 17, 1995 (19950417)  
INTL CLASS:     [6]    **G06F-015/00**  
JAPIO CLASS:    45.4 (INFORMATION PROCESSING -- Computer Applications)

#### ABSTRACT

PURPOSE: To provide a **power** saving **job** execution control system capable of automatically executing the **job** start processing of an electronic computer with decision processing in a **job** request slip as a momentum by electronic decision at the decision processing of a **job** request slip and automatically receiving also an execution result.

CONSTITUTION: A **job** execution control system is mainly constituted of an I/O part 3, an electronic slip system 5, a **data base** 6, a final certification detecting part 7, and a **job** execution result circulation input part 19 in a **job** execution control system 1 and a **job** starting processing part 12 and a **job** execution result processing part 16 in an electronic computer 10, a **job** is automatically started by the computer 10 based upon the final decision of a **job** request slip circulated in the system 1 and a **job** execution result is also circulated by the system 5 in the system 1.

15/5/25        (Item 25 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04844622      \*\*Image available\*\*  
INTERVAL BETWEEN CHARACTER-ADJUSTING METHOD

PUB. NO.:        07-137222 [JP 7137222 A]  
PUBLISHED:      May 30, 1995 (19950530)  
INVENTOR(s):    NISHIDE HIROSHI  
APPLICANT(s):   DAINIPPON SCREEN MFG CO LTD [351872] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.:      05-287479 [JP 93287479]  
FILED:          October 21, 1993 (19931021)  
INTL CLASS:     [6] B41B-027/00;    **G06F-015/25**  
JAPIO CLASS:    29.4 (PRECISION INSTRUMENTS -- Business Machines); 42.5  
                  (ELECTRONICS -- Equipment); 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors); R138 (APPLIED ELECTRONICS -- Vertical Magnetic & Photomagnetic Recording); R139 (INFORMATION PROCESSING -- Word Processors)

#### ABSTRACT

PURPOSE: To improve the **work** efficiency by a method wherein the intervals in the character array direction, among intervals between virtual bodies and character faces, are increased/decreased by a spacing rate for character intervals which is input, and the spacing amount in the character array direction is calculated, and the distances between virtual bodies are adjusted, and respective characters are arranged in the character array direction in order.

CONSTITUTION: A file name of a character-string **data file** which becomes a character interval adjusting objective is input, and the written in a character array storage memory. By the written character array data, each character data is read from a font storage unit, and is written in a

character data expansion memory. At this time, each character is arranged under a condition in which virtual bodies are in contact. Then, a spacing rate for characters is obtained, and stored in a setting memory. By this spacing rate, a character spacing parameter which is the spacing amount for each character in the character array direction is calculated. Each character is shifted based on the character-string data and character spacing parameter, and all character data is written in the character data expansion memory, and output. A **worker** inputs a new spacing rate by a judgement that a character interval adjustment is required, and this **motion** is repeated, and the process is completed by the a judgement that the character interval adjustment is not required.

15/5/26 (Item 26 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04441597 \*\*Image available\*\*  
CONTROLLING METHOD AND DEVICE FOR SCALE OF COMPONENT MOUNTING APPARATUS

PUB. NO.: 06-085497 [JP 6085497 A]  
PUBLISHED: March 25, 1994 (19940325)  
INVENTOR(s): HANAMURA NAOKI  
SUZUKI YOSHIKUNI  
APPLICANT(s): YAMAHA MOTOR CO LTD [001007] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 04-232165 [JP 92232165]  
FILED: August 31, 1992 (19920831)  
INTL CLASS: [5] H05K-013/04; B23P-021/00; G01B-011/00; **G06F-015/62**  
JAPIO CLASS: 42.1 (ELECTRONICS -- Electronic Components); 25.2 (MACHINE TOOLS -- Cutting & Grinding); 29.1 (PRECISION INSTRUMENTS -- Photography & Cinematography); 45.4 (INFORMATION PROCESSING -- Computer Applications); 46.1 (INSTRUMENTATION -- Measurement)  
JAPIO KEYWORD: R098 (ELECTRONIC MATERIALS -- Charge Transfer Elements, CCD & BBD)  
JOURNAL: Section: E, Section No. 1569, Vol. 18, No. 340, Pg. 89, June 27, 1994 (19940627)

#### ABSTRACT

PURPOSE: To enable a corresponding relation between a system of coordinates of a drive system and another system of coordinates on an image processing picture plane to be accurately obtained even if a head unit is limited in a **moving** direction by a method wherein a specific processing is carried out.

CONSTITUTION: A component position detecting means 41 detects the center position and turning angle of a chip component 39 based on the image of the chip component 39 picked up by a camera 31 after the chip component 39 is sucked by a suction nozzle 20, and at controlling scale data, the position of a **work** is detected, and its coordinates of position on an image processing picture plane is obtained. A distance measuring means 42 measures a prescribed distance when a **work** is rotated. At controlling scale data, an instruction computation means 44 moves **works** to a first point and a second point by the **movement** of a head unit 5 and rotates the **works** at prescribed spots. A measuring means 55 measures the coordinates of the first and the second point on a system of coordinates of a drive system, and a calculation means 56 calculates scale **data based** on the measured values obtained by the measuring means 55, the component position detecting means 41, and the distance measuring means 42.

15/5/27 (Item 27 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04354633 \*\*Image available\*\*  
WORKING ENVIRONMENT DISPLAY

PUB. NO.: 05-346333 [JP 5346333 A]  
PUBLISHED: December 27, 1993 (19931227)  
INVENTOR(s): YUJI HIROYUKI  
NAGAOKA YUKIO  
KATO KANJI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 04-156434 [JP 92156434]  
FILED: June 16, 1992 (19920616)  
INTL CLASS: [5] G01D-021/00; **G06F-015/21**  
JAPIO CLASS: 46.1 (INSTRUMENTATION -- Measurement); 23.1 (ATOMIC **POWER**  
-- General); 45.4 (INFORMATION PROCESSING -- Computer  
Applications)  
JAPIO KEYWORD: R002 (LASERS)  
JOURNAL: Section: P, Section No. 1720, Vol. 18, No. 187, Pg. 61, March  
30, 1994 (19940330)

#### ABSTRACT

PURPOSE: To permit time saving for grasping working environment and **manpower** saving by visually displaying with a computer the environment of an equipment to be repaired and around the equipment when planning repairing **work** .

CONSTITUTION: The title consists of a data storage part 1 that is provided with a **data base** 11 where equipment configuration data in a plant, visual data of each equipment and visual data of equipment surroundings are registered interrelatedly, an input part 2 composed of a keyboard 21 and a mouse 22 to specify an optional data, a retrieving processing part 3 to retrieve an optional data, and a display part 4 composed of a display processing part 41 and a CRT monitor 42. When an equipment to be repaired is specified, visual data of the equipment to be repaired and the equipment surroundings can be prepared for a planner of repairing **works** , thereby realizing no entry of the repairing **work** planner into a plant and saving time and **manpower** .

15/5/28 (Item 28 from file: 347)  
DIALOG(R) File 347:JAPIO  
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04262174 \*\*Image available\*\*  
CONTROL METHOD FOR FLEXIBLE PRODUCTION SYSTEM

PUB. NO.: 05-253874 [JP 5253874 A]  
PUBLISHED: October 05, 1993 (19931005)  
INVENTOR(s): SAKAGAMI MUNEYUKI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 04-051292 [JP 9251292]  
FILED: March 10, 1992 (19920310)  
INTL CLASS: [5] B25J-013/00; B23Q-015/00; **G06F-015/21**  
JAPIO CLASS: 26.9 (TRANSPORTATION -- Other); 25.2 (MACHINE TOOLS --  
Cutting & Grinding); 36.1 (LABOR SAVING DEVICES -- Industrial  
Robots); 45.4 (INFORMATION PROCESSING -- Computer  
Applications)  
JOURNAL: Section: M, Section No. 1538, Vol. 18, No. 9, Pg. 83, January  
10, 1994 (19940110)

#### ABSTRACT

PURPOSE: To originate **work** environment based on data out of a **data base** , compare it with actual **work** environment, and thereby enable a production system to be operated autonomously.

CONSTITUTION: The system is made up of a robot 4 which **works** on a **work** object 2 in a **work** environment 1, a scenery input means 8 inputting the **work** environment 1, a **data base** construction section 14, a **data base** housing section 15, a scenery originating section 16, a scenery understanding section 17, and an assembled cell control means 13 including

a device **action** commanding section 18. **Work** environment originated based on the aforesaid means is compared with actual **work** environment, and consequently a production system can be made self-controlled, because it is possible to change the **data base** in such a way that scenery by a **work** plan agrees with scenery by actual **work** environment, to change the position of the robot, or to change the position and direction of the scenery input means.

15/5/29 (Item 29 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04120135 \*\*Image available\*\*  
DESIGN METHOD FOR ASSEMBLY LINE

PUB. NO.: 05-111835 [JP 5111835 A]  
PUBLISHED: May 07, 1993 (19930507)  
INVENTOR(s): HONOKI HIDEYUKI  
TOTSUKA ATSUSHITO  
MORI TERUTAKA  
TAKAHASHI NAOKI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 03-277472 [JP 91277472]  
FILED: October 24, 1991 (19911024)  
INTL CLASS: [5] B23P-021/00; **G06F-015/21** ; **G06F-015/60**  
JAPIO CLASS: 25.2 (MACHINE TOOLS -- Cutting & Grinding); 45.4 (INFORMATION  
PROCESSING -- Computer Applications)  
JOURNAL: Section: M, Section No. 1469, Vol. 17, No. 469, Pg. 89,  
August 26, 1993 (19930826)

#### ABSTRACT

PURPOSE: To provide a method for designing an assembly line in a plant where **workers** and machines exist in an intermixed manner, easily and uniformly in all the aspects even by a designer having little knowhow and experience.

CONSTITUTION: A computer system is provided with central processing unit 2, a screen display unit 1, an input unit 3, an external storage 5, and an interface between the external storage 5 and the central processing unit 2. In the external storage 5 provided are a device **data file** 6 which contains information on names of devices, names of manufacturers and prices of devices, a **worker data file** 7 which contains information on names and capabilities of **workers**, and a process **data file** 8 which stores information on names of **works**, names of parts, dimensions of parts, **weights** of parts, and presence or absence of accuracy and positioning criteria necessary for **work**.

15/5/30 (Item 30 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03998658 \*\*Image available\*\*  
FINANCING APPLICATION ACCEPTANCE NEGOTIATION REGISTERING SYSTEM

PUB. NO.: 04-363758 [JP 4363758 A]  
PUBLISHED: December 16, 1992 (19921216)  
INVENTOR(s): HASEGAWA NAOTO  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 03-138087 [JP 91138087]  
FILED: June 11, 1991 (19910611)  
INTL CLASS: [5] **G06F-015/22** ; **G06F-015/30**  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R087 (PRECISION MACHINES -- Automatic Banking)  
JOURNAL: Section: P, Section No. 1534, Vol. 17, No. 239, Pg. 137, May

ABSTRACT

PURPOSE: To attain the **manpower** saving and efficiency of a bank financing acceptance **work**, and to reduce a human error.

CONSTITUTION: An application registering processing part 1 operates a financing application detail record preparation (1a), and an application acceptance number adoption (1b), and registers it in a **data base** 4. A transaction situation inquiring processing part 2 reads out each inquiry chart indicating a transaction situation from the **data base** 4, and operates a document edition (2a). A loan consultation paper preparing processing part 3 operates the document edition (3a) of a loan consultation paper based on the data of the inquiry chart. A consultation registering processing part 6 operates a consultation number adoption (6a), consultation master preparation (6b), and application acceptance detail update (6c) to the **data base** 4, and operates the document edition. A document preparing processing part 5 accepts a document outputting indication from the transaction situation inquiring processing part, loan consultation paper preparing processing part, and consultation registering processing part, and outputs each kind of document.

15/5/31 (Item 31 from file: 347)

DIALOG(R)File 347:JAPIO

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03846728 \*\*Image available\*\*  
DESIGN SUPPORTING DEVICE

PUB. NO.: 04-211828 [JP 4211828 A]

PUBLISHED: August 03, 1992 (19920803)

INVENTOR(s): HIRASHIMA YASUHIKO  
KONDO SHOZO  
OGINO TORU

APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 03-066863 [JP 9166863]

FILED: March 29, 1991 (19910329)

INTL CLASS: [5] G06F-009/44; G06F-003/16; **G06F-015/60**

JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units);  
45.3 (INFORMATION PROCESSING -- Input Output Units); 45.4  
(INFORMATION PROCESSING -- Computer Applications)

JAPIO KEYWORD: R060 (MACHINERY -- Automatic Design); R108 (INFORMATION PROCESSING -- Speech Recognition & Synthesis)

JOURNAL: Section: P, Section No. 1454, Vol. 16, No. 555, Pg. 86,  
November 25, 1992 (19921125)

ABSTRACT

PURPOSE: To obtain a design supporting device which realizes the **manpower** saving and the automation of the selection of parts to be used and can be easily interfaced by a speech recognition function capable of intellectual interaction by natural language.

CONSTITUTION: A data inference device 2 connected to a data processor 1 in which an expert system consisting of a knowledge **data base** and an inference function part is constructed and a speech recognition device as the interface function of this expert system are connected to each other.

**Manpower** required for design **work** can be drastically saved. Besides, a designer can design by the voice input/out of the natural language, and need not learn a command prepared by a system, and can easily interface it.

15/5/32 (Item 32 from file: 347)

DIALOG(R)File 347:JAPIO

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03667871 \*\*Image available\*\*  
DRAWING DISPLAY DEVICE

PUB. NO.: 04-032971 [JP 4032971 A]  
PUBLISHED: February 04, 1992 (19920204)  
INVENTOR(s): TANAKA KEISUKE  
APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 02-132843 [JP 90132843]  
FILED: May 23, 1990 (19900523)  
INTL CLASS: [5] G06F-015/60  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 1352, Vol. 16, No. 201, Pg. 130, May 14, 1992 (19920514)

#### ABSTRACT

PURPOSE: To display the drawing of a necessary area at a high speed by extracting only vector information on one image plane which is transferred and generating a partial roadway drawing, and displaying this partial roadway drawing on the same image plane together with the geographic drawing of one image plane one over the other.

CONSTITUTION: When a user indicates desired facility drawing data to be displayed from a **work** station 3, a server 2 reads **power** distribution facility drawing data consisting of the geographic drawing and roadway drawing which are indicated out of a drawing **data base** 1 and transfers the data to the **work** station 3 through an LAN network(LAN) 4, and the **work** station 3 displays the geographic drawing, extracts data on an electric pole, adjacent electric poles, and electric conductors between the electric poles, and lead-in data that the user displays and indicates from the vector information on the transferred roadway drawing to generate a partial roadway drawing of the displayed and indicated area, and displays the drawing on the displayed geographic drawing on the CRT. Consequently, the drawings can be displayed at a high speed.

15/5/33 (Item 33 from file: 347)

DIALOG(R)File 347:JAPIO

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03619756 \*\*Image available\*\*

REMOTE BATCH **JOB** APPLICATION SYSTEM AND BATCH **JOB** SERVER

PUB. NO.: 03-282656 [JP 3282656 A]  
PUBLISHED: December 12, 1991 (19911212)  
INVENTOR(s): YANATORI KOJI  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 02-082681 [JP 9082681]  
FILED: March 29, 1990 (19900329)  
INTL CLASS: [5] G06F-013/00; G06F-015/00 ; H04L-012/40  
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 44.3 (COMMUNICATION -- Telegraphy); 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 1326, Vol. 16, No. 109, Pg. 94, March 17, 1992 (19920317)

#### ABSTRACT

PURPOSE: To attain the automatic application of a batch **job** by securing the synchronization between the end of transfer of a file and the application of a **job** in a remote **job** application system.

CONSTITUTION: A **data file** needed for execution of a **job** is automatically transferred to a host computer HCP 4 from an engineering **work** station EWS or a personal computer PC 1 prior to the application of the **job**. This file transfer **action** is monitored. Then a batch **job** is applied synchronously with the end of transfer of the **data file**. Thus a file is transferred to the HCP 4 if the HCP 4 has no **data file** necessary for the **job**. Then the batch **job** is applied after the end of transfer of the file.

15/5/34 (Item 34 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03407179 \*\*Image available\*\*  
BATCH GENERATION SYSTEM FOR CAD DIMENSION LINE

PUB. NO.: 03-070079 [JP 3070079 A]  
PUBLISHED: March 26, 1991 (19910326)  
INVENTOR(s): SATO MITSUHIRO  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 01-205417 [JP 89205417]  
FILED: August 08, 1989 (19890808)  
INTL CLASS: [5] G06F-015/60  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD:R060 (MACHINERY -- Automatic Design)  
JOURNAL: Section: P, Section No. 1214, Vol. 15, No. 230, Pg. 151, June  
12, 1991 (19910612)

#### ABSTRACT

PURPOSE: To extremely shorten the time required for generation of the dimension lines by collating the CAD data with a dimension line generation pattern and generating en bloc the dimension lines necessary for the CAD data.

CONSTITUTION: The 1st and 2nd data input means 101 and 102 are provided together with an **action** control means 103, a CAD data production means 104, a **work** center control means 105, a display means 106, a dimension line generation pattern storage file 107, a collation means 108, a data conversion means 109, and a dimensional line generation **data file** 110. In such a constitution, the CAD data is collated with the dimension line production pattern. Then the dimension lines necessary for the CAD data are generated en bloc. As a result, the dimension lines can be surely obtained in a short time.

15/5/35 (Item 35 from file: 347)  
DIALOG(R)File 347:JAPIO  
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02953679 \*\*Image available\*\*  
**WORK** PLAN GENERATION SUPPORTING SYSTEM

PUB. NO.: 01-251279 [JP 1251279 A]  
PUBLISHED: October 06, 1989 (19891006)  
INVENTOR(s): FUJINUMA TOMOHISA  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 63-078900 [JP 8878900]  
FILED: March 31, 1988 (19880331)  
INTL CLASS: [4] G06F-015/60 ; G05B-015/02; G06F-015/20  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 22.3  
(MACHINERY -- Control & Regulation)  
JOURNAL: Section: P, Section No. 984, Vol. 13, No. 590, Pg. 44,  
December 26, 1989 (19891226)

#### ABSTRACT

PURPOSE: To reduce labor of a **worker**, and also, to generate a progress schedule having no contradiction by providing an interference deciding means, deciding an interference in a system and constructing a routing which has avoided the interference.

CONSTITUTION: Shape data of an apparatus is generated as a model of each apparatus by a shape model generating part 22, and by a whole model constructing part 23, a whole model is generated by combining each model,



and stored in a **data file 2**. When a **work** is started, **work** procedure data is called successively from the file 2, and a **work** route is read. Subsequently, an object apparatus model is moved in accordance with the **work** procedure, and based on data which has been processed by a **moving** simulation executing part 24, whether an interference exists or not is decided by an interference decision processing part 25. If the interference exists, a **moving** data processing part 26 changes **moving** data, and the same operation is repeated. Next, by data which have been calculated by a **moving** time calculation processing part 27 and a **work** time calculation processing part 4, a progress schedule is generated by a **work** process constructing part 28, and outputted from an output data processing part 5. In such a way, labor of a **worker** is reduced, and also, the progress schedule having no contradiction is obtained.

15/5/36 (Item 36 from file: 347)

DIALOG(R)File 347:JAPIO

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02953678 \*\*Image available\*\*

SCHEDULE CONTROL SUPPORTING SYSTEM

PUB. NO.: 01-251278 [JP 1251278 A]

PUBLISHED: October 06, 1989 (19891006)

INVENTOR(s): FUJINUMA TOMOHISA

APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 63-078874 [JP 8878874]

FILED: March 31, 1988 (19880331)

INTL CLASS: [4] G06F-015/60 ; G06F-015/21

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

JOURNAL: Section: P, Section No. 984, Vol. 13, No. 590, Pg. 44, December 26, 1989 (19891226)

#### ABSTRACT

PURPOSE: To reduce labor of a **worker**, and also, to generate a progress schedule having no contradiction by providing an interference deciding means, deciding an interference against a **moving work** and constructing a routing which has avoided the interference.

CONSTITUTION: A **worker** executes an extraction f(sub 1) of a **work** item, and executes an hourly study f(sub 2) and a study f(sub 3) of a procedure with regard to the **work** item. Simultaneously, apparatus shape data f(sub 5) required for a **work** is generated, and stored as **work** management data in a **data file 2**. In this state, when the **work** is started, the contents are read out successively from the file 2. When the **work** is a **moving work**, an interference decision processing part 22 decides whether an interference exists or not, and if the interference exists, a **moving** data processing part 26 changes **moving** data. Subsequently, the changed data is calculated by a **work** time calculation processing part 4, and based on the **work** management data which has been read out of the file 2, and the start and end time of the **work**, a **work** item list and a progress schedule are outputted from an output data processing part 5. In such a way, labor of a **worker** is reduced, and also, the progress schedule having no contradiction can be realized.

15/5/37 (Item 37 from file: 347)

DIALOG(R)File 347:JAPIO

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02935902 \*\*Image available\*\*

PROCESS CONTROLLER

PUB. NO.: 01-233502 [JP 1233502 A]

PUBLISHED: September 19, 1989 (19890919)

INVENTOR(s): AKATA YOSHIHISA

FUTAMI HIROYA

FUJINUMA TOMOHISA

NOMOTO HIROYUKI

APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
TOSHIBA ENG CO LTD [416142] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 63-059288 [JP 8859288]  
FILED: March 15, 1988 (19880315)  
INTL CLASS: [4] G05B-015/02; B23Q-041/08; **G06F-015/20**  
JAPIO CLASS: 22.3 (MACHINERY -- Control & Regulation); 25.2 (MACHINE TOOLS  
-- Cutting & Grinding); 45.4 (INFORMATION PROCESSING --  
Computer Applications)  
JOURNAL: Section: P, Section No. 974, Vol. 13, No. 557, Pg. 152,  
December 12, 1989 (19891212)

ABSTRACT

PURPOSE: To evaluate and study a shape in conformity with a **work** plan and  
to support a plan and a design by providing a file conversion processing  
part for executing a file conversion of process control data and  
three-dimensional shape model data.

CONSTITUTION: Input data is inputted from a computer terminal 40 of a  
schedule controller. These input data are stored in a process control **data**  
**file** part 43 and a three-dimensional shape model **data file** part 44  
which are generated in a computer body 42. Subsequently, by a processing  
instruction 41e at the time of an input, data is processed by a file  
conversion processing part 45, an output is executed. As for data output  
examples 46, a display 47 of a state that a confirmation can be executed  
three-dimensionally by a vision by designating the time, a display 48 of a  
**moving work** for bringing a **work** state to simulation actually by a  
three-dimensional model, a display 49 of a **moving** route for displaying a  
route of a **moving** object, and an interference point display 50 for  
listing up a result of interference calculation at the time of **movement**  
can be outputted.

15/5/38 (Item 38 from file: 347)

DIALOG(R) File 347:JAPIO  
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02893667 \*\*Image available\*\*  
**WORK** INDICATING DEVICE

PUB. NO.: 01-191267 [JP 1191267 A]  
PUBLISHED: August 01, 1989 (19890801)  
INVENTOR(s): YOSHIDA TAKAO  
AOKI TOKUJI  
ISHIJIMA HIROO  
APPLICANT(s): HITACHI ENG CO LTD [323361] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 63-014459 [JP 8814459]  
FILED: January 27, 1988 (19880127)  
INTL CLASS: [4] **G06F-015/60** ; H02B-003/00  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 43.3  
(**ELECTRIC POWER** -- Transmission & Distribution)  
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &  
Microprocessors)  
JOURNAL: Section: P, Section No. 952, Vol. 13, No. 480, Pg. 135,  
October 31, 1989 (19891031)

ABSTRACT

PURPOSE: To present super information to improve the reliability of a board  
product by converting wiring connection information of the board product to  
digital information to automatically indicate the **work** .

CONSTITUTION: Wiring connection information of the board product is  
transferred from a CAD 1 of design to a data processor 3. Transferred  
information is edited for individual weak and strong electric circuits and  
is classified, edited, and processed for individual implement units in such  
order that the **work** is easy for a **worker** . Wiring connection information

is temporarily held as a **data base** 4 for the purpose of coping with change, addition, deletion, or the like of information. All of classified and edited wiring connection information is stored in a memory 5, and stored information is read out from the memory 5 by a controller 6, and results are successively displayed on a compact-sized display device 7 to indicate the wiring connection **work**. The memory is freely attachable to and detachable from a **work** indicating device main body to easily cope with another **work**, and this system is flexible with respect to operation.

15/5/39 (Item 39 from file: 347)  
DIALOG(R)File 347:JAPIO  
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02837065 \*\*Image available\*\*  
SYSTEM FOR PROCESSING INFORMATION

PUB. NO.: 01-134665 [JP 1134665 A]  
PUBLISHED: May 26, 1989 (19890526)  
INVENTOR(s): TAKENAKA ATSUSHI  
WATANABE HIROSHI  
NOSHIRO KAZUMOTO  
TAKEDA MASAOKI  
KAWANE YUSUKE  
GOTODA YOSHIKAZU  
APPLICANT(s): SANYO ELECTRIC CO LTD [000188] (A Japanese Company or Corporation), JP (Japan)  
NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 62-294859 [JP 87294859]  
FILED: November 20, 1987 (19871120)  
INTL CLASS: [4] **G06F-015/21**  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 28.2 (SANITATION -- Medical); 29.4 (PRECISION INSTRUMENTS -- Business Machines)  
JOURNAL: Section: P, Section No. 924, Vol. 13, No. 387, Pg. 68, August 28, 1989 (19890828)

#### ABSTRACT

PURPOSE: To save to labor of an input **work** by extracting information, which relate to a cost to correspond to data to be transmitted from a sub-computer, with a main computer, transmitting the information and adding them to a **data file** with the sub-computer.

CONSTITUTION: A main computer 1 equips a **data file** 11 to include the information, which relate to the cost of a medical treatment **action**, which takes charge in a medical **work**. Plural sub-computers 2 input the data, which specify the arbitrary medical treatment **action**, and transmit these specified data to the main computer 1. The computer 1 extracts the information to relate to the cost in the **data base** to correspond to the data, which are transmitted from the computers 2, and the information are transmitted to the computers 2. The computers 2 receive the extracted data, which are transmitted, and add the data to a **data file** 21 to be held by the computers 2. Thus, the labor of the data input **work** can be saved to the specified arbitrary medical treatment **action**.

15/5/40 (Item 40 from file: 347)  
DIALOG(R)File 347:JAPIO  
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02484122 \*\*Image available\*\*  
DRAWING METHOD FOR SHEET DEVELOPMENT

PUB. NO.: 63-101022 [JP 63101022 A]  
PUBLISHED: May 06, 1988 (19880506)  
INVENTOR(s): NESASA NOBUYUKI  
YAMAZAKI MASAHIRO

TEZUKA TAMIJI

SUZUKI NOBORU

APPLICANT(s): ANRITSU CORP [330013] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 62-214738 [JP 87214738]

FILED: August 28, 1987 (19870828)

INTL CLASS: [4] B21D-005/01; G05B-019/403; **G06F-015/60**

JAPIO CLASS: 12.5 (METALS -- Working); 22.3 (MACHINERY -- Control &  
Regulation); 45.4 (INFORMATION PROCESSING -- Computer  
Applications)

JAPIO KEYWORD: R063 (MACHINERY -- Numerical Control Machine Tools, NC)

JOURNAL: Section: M, Section No. 740, Vol. 12, No. 340, Pg. 83,  
September 13, 1988 (19880913)

#### ABSTRACT

PURPOSE: To easily input necessary data and commands and to obtain developments and plot sizes in a short time even by an unskilled person by performing a **bending work** simulation by inputting pieces of drawing and **bending** information and drawing and indicating the developments after a workable condition is established.

CONSTITUTION: Various necessary **data bases** are previously stored in a memory 2. As for the **data bases**, material characteristic data groups such as a tensile **strength**, yield **strength**, and thickness of each material type and a working machine characteristics groups are previously inputted by use of a keyboard 3. Then, pieces of drawing and **bending** information are inputted by the keyboard 3, a CPU part 1 calculates a necessary press force, compares the force with a press force of a **bending** machine, and indicates possibility of a **bending work** on a display 4. If the **bending work** is possible by a **bending work** simulation, data such as a shape and size for each face as a stereo structure are inputted by the keyboard 3, a complete development containing a **bending** allowance is drawn, and is indicated on the display 4.

Set	Items	Description
S1	6	AU=(PANDYA R? OR PANDYA, R?)
S2	0	AU=(CLONINGER C? OR CLONINGER, C?)
S3	0	S1 AND S2
S4	0	(S1 OR S2) AND IC=(G06F-017? OR G06F-007?)
S5	0	S1 AND IC=G06F?

File 344:Chinese Patents Abs Aug 1985-2003/Jan

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File 347:JAPIO Oct 1976-2002/Nov(Updated 030306)

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File 348:EUROPEAN PATENTS 1978-2003/Mar W02

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File 349:PCT FULLTEXT 1979-2002/UB=20030313,UT=20030306

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File 350:Derwent WPIX 1963-2003/UD,UM &UP=200318

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1/TI/1 (Item 1 from file: 348)

DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

A method of forming thin defect-free monocrystalline strips of semiconductor materials on insulators.

Verfahren zum Herstellen von dunnen, defektfreien monokristallinen Streifen aus halbleitenden Materialien auf Isolatoren.

Methode pour former des minces bandes monocristallines sans défauts de matériaux semi-conducteurs sur des isolants.

1/TI/2 (Item 2 from file: 348)

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A method of forming thin, defect-free, monocrystalline layers of semiconductor materials on insulators.

Methode, um eine auf einem Isolator befindliche, dunne, defektfreie, monokristalline, aus halbleitenden Materialien bestehende Schicht herzustellen.

Une methode pour former une couche monocristalline fine et sans défaut de matériaux semi-conducteurs sur des isolants.

1/TI/3 (Item 1 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Preparation of tetrabromobisphenol-A used as flame retardant, involves displacing liquid bromine by sodium bromide or hydrobromic acid as brominating agent, and utilizing sodium bromate as oxidizing or brominating agent

1/TI/4 (Item 2 from file: 350)

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Metal silicide transistors - obtd.by forming silicon@-metal silicide-silicon@ hetero-structure, bonding to insulating substrate, masking, selectively etching, etc.

1/TI/5 (Item 3 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

Forming strips of mono semiconductor material on substrate - by scanning the strips across an angled zone melting beam in a direction parallel to the strips

1/TI/6 (Item 4 from file: 350)

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Thin defect free mono crystalline layer of semiconductor material - formed on insulators by laser zone heating with controlled scanning speed